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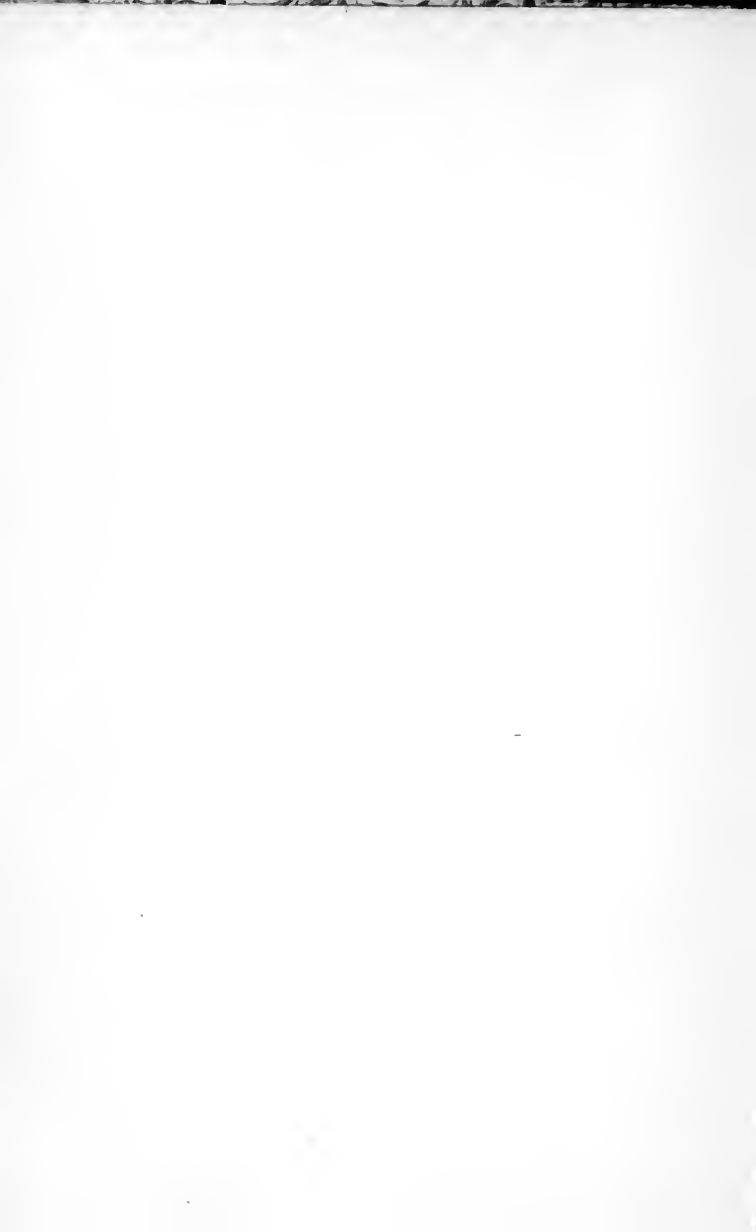


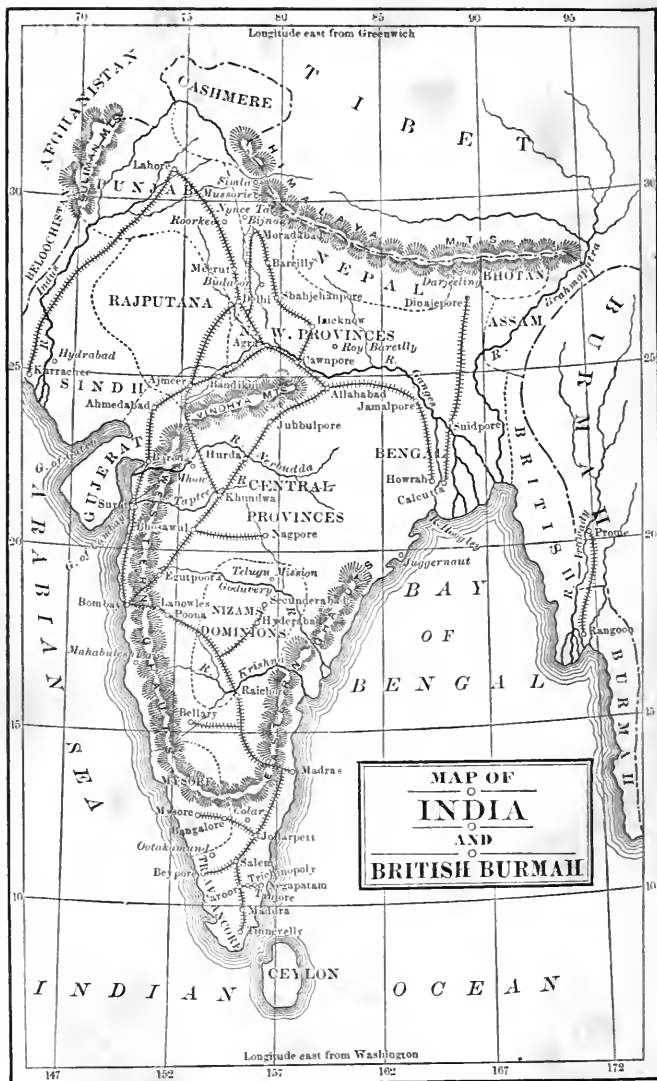
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A
HAND-BOOK
OF
INDIA
AND
BRITISH BURMAH.

By W. E. ROBBINS,
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PREFACE.

IF one-half of the world know not how the other half live, it is hoped this little manual will serve in some slight degree to enlighten them. However ignorant the people of India may be concerning their Western cousins, not less so are the people of England and America generally concerning their Eastern cousins; for where one of the latter is seen as a transient visitor in the West, a hundred at least of the former are more or less permanently located in the East.

This is not a guide-book for travelers, but an attempt to answer, in as few words as possible, the many questions concerning India, which have been asked the author, during his ten years of labor in the country, and to put the result in such a small and cheap form as to be accessible to the multitudes whose interest in this great em-

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pire is constantly increasing. If by this unpretentious volume he shall succeed in exciting and deepening a concern in the welfare of India's millions, and eliciting prayer on their behalf, his labor will not have been in vain.

As it is designed more particularly for those who may never see the country, Indian names, as far as possible, are omitted, and where unavoidable, the orthography more easily pronounced is followed, and, in some cases, meanings given in parenthesis.

To have acknowledged and credited all the authorities and sources of information derived, for which thanks are due, would have almost doubled the size of the book, and hence none at all have been specified; much, however, has been acquired by personal observation, and it is believed the errors are few and immaterial.

W. E. R.

POONA, INDIA, *May* 1, 1883.

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INDIA AND BRITISH BURMAH.

Chapter I.

PHYSICAL OUTLINES OF INDIA.

1. GEOGRAPHY.

THAT we may commence at the beginning in our account of this far-off land, it is necessary, in the first place, to define its

POSITION.

India is the central of the three great peninsulas stretching southward from the continent of Asia. It is six thousand miles south-east from England, and nine thousand from America. Including British Burmah, with which it forms the Empire of British India, it extends over about thirty-two degrees of longitude and twenty-seven degrees of north latitude, reaching to within eight degrees of the equator, making its greatest length from north to south nearly one thousand nine hundred miles. and its greatest breadth from east to west about one thousand eight hundred miles, and giving it an area, including native states, of a million and a half of square miles; not far from half the size

of the United States, exclusive of Alaska, or about one-sixth of the British Empire.

It is bounded on the north by the Himâlaya Mountains, which separate it from Tibet, on the east by Burmah and Siam, on the south by the Indian Ocean, and on the west by Beluchistan and Afghanistan.

DIVISIONS.

India, from very ancient times, has been divided by geographers into two not very unequal parts, Hindûstân (place of the Hindus), north of the Vindhya Mountains, and the Deccan (southern), formerly including all south of the same, but now confined usually to the vast plateau resting on the shoulders of the Eastern and Western Ghâts, the remainder being known as Southern India.

MOUNTAINS.

The Himâlayas (abode of snow) are the highest mountains in the world, Mt. Everest being the highest peak known, 29,002 feet. Their tops are covered with perpetual snow, and their sides with almost every variety of vegetable and animal life, according to the elevation. They are separated their whole length from the valley of the Ganges by the great Indian Swamp, called the Terai, attaining, in some places, the width of twenty-five miles, and covered with dense jungle (forest), the lair of the wild beast, and so full of malaria as to be uninhabitable by man, at least from April to October.

The Sulaiman Mountains, having but three practicable passes, are the natural barrier against the Kâbûlis.

The highest peak is Takht-i-Sulaiman (throne of Solomon), 11,300 feet. The Aravali Hills, attaining at Mt. Abû the height of 5,000 feet, are the water-shed between the Indus and the Ganges valleys. The Vindhya Mountains, though extending nearly across the Peninsula, never exceed 6,000 feet above the level of the sea, or 4,000 above the plain. The Eastern and Western Ghâts are joined together in the south by the Nilgherries (Blue Mountains), the height of which is 7,500 feet, and the highest peak about 8,700 feet.

RIVERS.

The longest river is the Indus (Indian), one thousand eight hundred miles, which rises on the north side of the Himâlayas, passes between them and the Hindu Kûsh, flows southward, receiving the five streams of the Punjâb (five waters) through one channel, and empties into the Arabian Sea. The Brahmapûtra (Son of the Supreme), is about the same length and rises very near the same place. After a long course through Tibet it makes a detour round the mountains and debouches into the Bay of Bengal.

The Ganges (The River), rising on the opposite side of the mountains, not far from the sources of the other two, flows one thousand five hundred miles, receiving the Jumna and many other large tributaries, and empties partly through the same mouths as the Brahmapûtra. British Burmah is well watered by the Irawâdy, flowing southward into the Bay of Bengâl. The Deccan is watered on the east principally by the Mahânadi

(Great River), the Godavery, and the Krishna, and on the west by the Nerbudda and Taptee.

VALLEYS AND PLAINS.

The largest and most level of these is the Ganges Valley, with scarcely a hill except along the banks of the river, and being a vast alluvial deposit, is very fertile, feeding two-fifths of the people of India. The valleys of the Brahmapûtra and Irawâdy are much smaller, but near the mouths of the rivers not very different from that of the Ganges. The valley of the Indus is long, narrow, and fertile. The Plains of Cutch and Guzerat, sometimes considered as belonging to the Indus, are generally fine level uplands, with a black soil, resembling some of the North American prairies. Between the Indus and the Aravali Hills is the Great Indian Desert, four hundred miles long by one hundred wide. It is covered with sand hills without vegetation or animal life, excepting in a few small valleys after the rains, and can be traversed only by the horse and camel.

The Plain of Hindûstân has an elevation of two thousand feet, and includes the table-lands of Mâhvâ and Rajpûtânâ. The Deccan has a similar or greater elevation, but is much more uneven and rocky, and with the exception of the portions along the river-courses, is very much inferior in fertility. Around it on three sides is a narrow strip of low coast-land, the ghâts which separate being in many places so precipitous as to defy the efforts of man to pass over.

2. VEGETABLE PRODUCTIONS.

As might be supposed in a country extending over so many degrees of latitude, and containing so great variety of elevation, India has an epitome of the plants of the globe, or at least of the Torrid and Temperate Zones, of which only a few of the most common need be named. Forests, however, are confined mostly to the hills, marshes, and water-courses, the rest being barren plains, except here and there a tree or small grove of trees, but during and after the rains covered with a carpet of green. The slopes of the Himâlayas, especially, produce many of the same varieties, but differing more or less from their European and American congeners. This is particularly true of many of the

TIMBER TREES,

as ash, oak, walnut, bird's eye maple, pine, cedar, sycamore, yew, mahogany, bird cherry, alder, spruce fir, horse chestnut, elm, mulberry, holly, birch (just like English birch), willow, and poplar.

Of other kinds the more useful are the sâl, bijai sal, sissoo, kail, mowah, toon, arjoon, peepul, gall-nut, white and black ebony, zebra wood (so heavy that it nearly sinks in water), satin wood, sappan wood, sandal wood, sauce wood, red wood, black wood (used very largely for furniture); but most useful is the teak, not only as being adapted to nearly every purpose, but as being impervious to white ants, owing, as is supposed, to the presence of tannin in it.

Means are now taken to preserve the forests from destruction, it having been found that they largely affect the supply of rain.

SHADE AND ORNAMENTAL.

The matter of shade in this tropical country is one of very great importance, the location of villages and hamlets being often determined by the small clumps of trees found here and there. For this purpose, in addition to those named above, nature has provided a great variety, many being evergreen. Those used for shading the public highways are chiefly the peepul (sacred fig-tree), bâbûl, tamarind, neem, and gold mohur (which in addition to its long pinnate leaves, exhibits a beautiful canopy of pink flowers). In the lawns may be seen the cypress, silver fir, toolsee, casuarina, magnolia, rhododendron, and a species of cork-tree, which, however, does not yield cork.

HEDGES AND FIBERS.

Of the great variety of these may be mentioned the thorn, box, jait, India coral-flower, sham lota, mandy, milk-hedge, aloe (American âgavé), prickly pear and other varieties of cactus, hemp, jute, flax, madâr, bodala, kurdala, cheela, guthoree, goor, chunnar, amaree, doodea, and rope-grass, some of which are used for both purposes.

DRUGS AND DYES.

The cinchona has been introduced from Peru by the Indian Government, and is successfully cultivated in

the Nilgherries, yielding a vast quantity of quinine, for use in the country. Besides the leaves, bark, or roots of many of the trees already named, there are acacias of different species, India-rubber, Indian worm-wood, Indian capsicum, various species of mint, spike-nard (supposed to be that of the Bible), sorrel, Bengâl colocynth, aconitum, balsam, drastic croton, castor-oil plant, rhubarb, turmeric, ginger, nux vomica, calamus, coriander, malabar, nightshade, gentian, myrrh, myrobalan, ajwain, safflower, chiretta, dhâk, gutta-percha, Indian squills, Indian sarsaparilla, indigo, opium, log-wood, mustard, spices, etc.

OF RARE AND VARIOUS USES.

The soap-nut affords a wonderful substitute for soap, especially in washing certain fabrics. The marking-nut yields an indelible ink, much used by washermen in marking clothes. By the addition of a little lime and water the mark is dark and distinct. The bark of the bhojaputra is used in some places for paper.

The root of the horse-radish-tree is not a bad substitute for horse-radish. The tallow and varnish trees, which are both natives of China, yield the articles which give them their names, but of an inferior quality.

Of the many varieties of palm, all of which grow tall, slender, and straight, the most common are the date, the fruit of which is vastly inferior to that of Arabia and Persia; the targola, the pulp of whose fruit is pleasant and cooling; the sago, yielding a val-

uable article of food; the areca, on which grows the betel-nut; but most valuable of all, the cocoa-nut, for nearly all the wants of a native can be supplied from it—the walls, doors, and roof of his house of the leaves plaited, and the posts, beams, and rafters of the trunk, all which are securely fastened by the coir rope made from the outside husk, which also furnishes mats for the floor, beds, etc. From the hard shell he makes spoons, ladles, cups, lamps, drinking vessels, pipe-bowls, etc. The milk of the nut affords a pleasant, nutritious drink, while the kernel is good for food, and, after the oil is pressed out, is fed to pigs and cows. The fresh toddy (sap) is used as a beverage and as a yeast for baking purposes, but when fermented it makes a very intoxicating liquor, which is called arrack.

FLOWERING AND EVERGREEN SHRUBS.

With those that are indigenous, nearly all varieties of exotics are to be found in the gardens; as, roses, geraniums, calladiums, crotons, ferns, laurels, bigonias, and dahlias of every description, oleander (supposed to be the rose of Sharon), wax-flower, balsam, mimosa, fuchsia, heart's-ease, amaranth, marigold, violets, pinks, cock's-comb, lotus, heliotrope, chrysanthemum, mogara (a species of jasmine), marantas, sunflower, crown imperial, myrtle, ivy, convolvulus, antigonon, snail-creeper, sweet-brier, honeysuckle, passion-flower, and many other creepers; mosses, mistletoe, orchids, and other parasites.

FRUITS.

Although many English fruits—as apples, pears, peaches, plums, strawberries, raspberries, gooseberries—are cultivated on the highlands, they are much wanting in flavor, but serve to remind the wayfarer of home. The grapes, though better than other fruits, are yet inferior to those of California. The papai has been introduced from the West Indies. Figs, pomegranates, custard-apples, oxheart, guava (red and white), sweet and sour limes, tac, loquat, and pine-apple are superior, as also the oranges, especially those grown at Nagpore. The citron, supposed to be the apple of the Bible, is a large, bitter fruit, used only for preserves. The pumalo is a very large, luscious fruit, resembling the shaddock of the West Indies, or the “forbidden fruit” of Key West. The jack, corresponding to the bread-fruit, is said to be tasty when once beyond the nose. The sour-sop and wood-apple are very acid, but wholesome. The bhore (jujube), the jâmbûl, and the karunda are small jungle-fruits in much demand. But the fruit of India is the mango, which has a yellow skin and pulp, and a flavor like the most luscious peach. The best variety is the Alphonso of Goa and Mazagon, to which Moore makes allusion in his “Lalla Rookh.” Corresponding to this, but smaller, is the mangosteen of Burmah. Of edible nuts there are the pistachio, the cashew, and the hazel.

GARDEN VEGETABLES.

The same may be said of the vegetables as of the fruits introduced from Europe. Sweet potatoes, cabbages, cauliflowers, noll-colls, artichokes, celery, pumpkins, squashes, watermelons, muskmelons, tomatoes, radishes, beans, pease, turnips, carrots, beets, cucumbers, and spinach, all remind the Englishman of home, but disappoint him in the eating. A good quality of potatoes is grown on the uplands. Onions, garlic, water-cresses, black and cayenne pepper, ground-nuts, arrow-root, tapioca, sage, lady-fingers, and egg-plant are of a good quality, while gowra, ghosali, karella, turay, doodya, cumin, and cardamoms are indigenous.

GRAINS, GRASSES, ETC.

Wheat, oats, barley, millet, all grow short in India, and the yield is much less than in most countries where they are grown. Maize is eaten almost exclusively green in the ear, but bread can be made from it of an inferior quality. Jowâri, bâjri, râgi, matki, bartâni, powta, kôlti, nachni, gram (chick-pea), and dâl (split-pulse) are used for bread for a large portion of the people; but the grain of India, as of all the East, is rice, which grows on land covered with water, or on the ghâts, where the rain is almost incessant during the season.

The til (Indian sesamum) is noted for its oil. The sugar-cane grows in many parts, and affords a coarse kind of sugar as manufactured in the country. Tobacco thrives well, and is grown extensively for home

consumption. Tea and coffee, in large quantities and of excellent quality, are now produced in the Himâlayas, Nilgherries, and Travancore. The great agricultural product of the country is cotton, which finds a congenial soil in Guzerat, Central India, and Dhorwar, though it does not command as high a price in Manchester as the American cotton.

This list includes the principal of the eighteen superior and eighteen inferior grains, as the people here classify them. Different kinds of grass grow in great profusion in every vacant spot, high or low, during the rains, affording ample pasturage for flocks and herds, and abundance of hay, which may be cut at leisure after the monsoon; so that there is no occasion for the growing of tame grass. In many of the jungles and swamps reeds and rushes grow high and rank, affording lurking-places for wild beasts and reptiles. The finest and most useful of the family of grasses is the bamboo, which grows in clumps from twenty to one hundred feet high, presenting, with their spines, in some cases, a formidable barrier to foot soldiers, and even to cavalry. The trunk is hollow, light, strong, and elastic, and is used for building purposes, pipes, and all kinds of baskets. The shoots, when young and tender, are sometimes eaten like asparagus, or pickled in vinegar.

3. ANIMALS.

What has been said of the variety of the flora of India may with equal propriety be said of the fauna,

with this exception, that, unlike the former, the latter recede from the advance of man. It is truly wonderful, however, that a country so long and so densely populated as India is should still contain so many and so fierce wild animals, and can be accounted for only by the fact of the unwillingness of the people to take animal life.

DOMESTIC ANIMALS.

Of horses, which the climate requires to be used only moderately, the first is the fleet-footed Arabian. The Australian is used for draft purposes and artillery, and the Kâbfîl for light work and cavalry. The government, however, employs mules largely for transportation, and sometimes elephants; but for long distances camels, which kneel to receive their burdens. The natives, for the most part, employ the tatoo (pony).

Of horned cattle, there are the common ox, zebu (sacred ox, with hump on its shoulder), arnee, gour, yak, and buffalo (not to be confounded with the American bison); all which are employed for draft purposes, as well as for dairy produce. The donkey is used as a pack animal for short distances, but not for riding. Sheep, goats, swine, dogs, and cats are of the most ordinary kind, except some imported and the Cashmere goat.

WILD ANIMALS.

The hanuman, rhesus, baboon, and other varieties of monkeys scamper over the trees and temples, where they are unmolested. The maneless lion is found in Guzerat, the royal tiger in Bengal and many other

parts, where he is destructive to cattle ; but only occasionally is a "man-eater" found. Still that one sometimes makes sad havoc in a village before he is finally conquered.

The cheetah, or hunting-cat, is kept for sport, being carried out in his cage until antelope or other game is sighted, when he is turned loose, and catches them in a trice, receiving a part as his reward. The leopard, wild-cat, booted lynx, wolf, and hyena are rather formidable enemies when urged on by anger or hunger ; but more so the wild boar, bison, rhinoceros, and elephant. The nilgai (blue cow), various kinds of deer, sambur (elk), sand-bear, sloth-bear, rouse, hare, and rabbit afford sport for the huntsman, as also the civet-cat, wild dog, jackal, and fox. The wild ass of Sindh is a beautiful creature. Squirrels, unfit for food, are so small and so tame as to visit the house, while rats, muskrats, mice, and bandicots are altogether too familiar. The porcupine, ant-eater (with scales like the armadillo), and hedgehog make their home in the ground. The flying fox is nocturnal in its habits, feeding on fruits, insects, and the eggs of small birds. The mongoose (Indian ichneumon), like its Egyptian congener, is a protection from snakes, which it seldom fails to kill, and scorpions, first dexterously biting off their sting.

BIRDS.

Domestic fowls, ducks, geese, turkeys, pigeons, and guinea-fowls are often seen in the yard, especially in country places, while numbers make a business of rais-

ing them for market. Sparrows are as familiar, if not as pious, as in the Psalmist's time. The common crow is much smaller than in America, and so tame as to pick up the garbage around the house. The kites are larger, and also scavengers, often imitating the birds in the chief baker's dream, by snatching meat from the basket on the coolie's head. Parrots and paroquets of various species are often seen wild, but oftener in cages.

Of forest birds, there are the ash-colored falcon, scops-eared owl, white-tailed swallow, Oriental roller, Malabar trogon, spotted kingfisher, azure-throated bee-eater, red-faced night-feeder, goalpora and fiery-tailed sun-birds (corresponding to American humming-birds), fire-breasted myzanthe (only two and a half inches in length), hunting-crow, dove, great pericrocotus, king-crow (terror to crows), wandering-pie, fantail, hoopoe (called here carpenter-bird), shrike, minah, horned tragopan or pheasant, Baya bird (with hanging nest like inverted bottle).

Of warblers (which, however, do not excel in song as much as in dress); there are the dayal or magpie robin, yellow-checked titmouse, rufous-bellied titmouse, black-faced thrush, laughing crow, mango-bird, black-headed oriole, bulbul (Indian nightingale), lark, Paradise fly-catcher (with crest, and two very long feathers in its tail), and tailor-bird (so called from its nest, which it literally sews with its beak as a needle, and stray pieces of twine or fiber for a thread).

Of large birds, there are the bittern, swan, bustard, vulture, eagle, sarus, and adjutant crane. The sports-

man finds duck, teal, snipe, partridges, quails, peacocks, pigeons, jungle-fowl, and wild-geese.

REPTILES.

Of these the most formidable is the crocodile, found in the large streams, and manifesting quite a partiality for devotees who come thither to bathe. The tortoise and hawk's-bill turtle abound in some parts. Lizards climb the walls for flies and other insects, which they catch with great adroitness, while larger ones, commonly called blood-suckers, live on the ground and trees; but the largest of all is the iguana, which, like the rest, is harmless.

Of serpents, the largest is the python, attaining the length of twenty or thirty feet; but of this species the most common is the variety called rock-snake, only eight or ten feet long, but strong enough to kill a goat or calf by squeezing it to death in its folds, like the boa-constrictor, with which it is allied. Species of coluber and cerberus are sometimes found. But of the many kinds of snakes, only a few are venomous, notably the cobra di capello (hooded snake), cobra manilla, sand-snake, and viper. And yet it is reported that nearly twenty thousand persons die annually from snakes and other beasts; but this is due to the exposed situation of their habitations and their employments.

Sea-serpents have been seen in the Indian seas more than one hundred feet long. Frogs and toads are not so plentiful as in some other countries; but centipedes

and scorpions are abundant, their sting, however, not being fatal, except to small children.

FISH.

Indian waters produce sharks, saw-fish, whales, three-banded mullet, red fire-fish, Indian flying gurnard, toad-fish, seer, and sole. The most tasty salt-water fish are the pomfret and bumalo (almost devoid of bone). The rivers produce many kinds of fish; as, the Indian salmon, bekhtee, whiting, and mango-fish; but there is not much encouragement to the angler. Shrimps, prawns, crabs, oysters, and a great variety of shell-fish are found.

INSECTS.

Atlas, stag, and golden beetles, as well as many others, large and small, are to be met with everywhere. One small variety has a coat just like red velvet. The rarest kinds of butterflies, as the peacock, thoas, mango, etc., enliven the flower-gardens at the close of the rains; and the same may be said of the moths, one of the largest and finest of which is the silk-worm. Locusts sometimes go in great swarms. Grasshoppers, dragon-flies, crickets, cockroaches, bees, humble-bees, wasps, spiders, leeches, and snails are plentiful; while India has its full share of flies, mosquitoes, gnats, ants, bugs, and fleas. Fire-flies sometimes are so abundant as to make the forest sparkle on a dark night.

ANIMAL PRODUCTS.

The buffalo is used largely for its milk and butter, the latter being very white; neither has cow's butter that rich yellow color produced by feeding on blue-grass. For cooking purposes butter is melted, or more usually manufactured for that object especially, by boiling the milk a couple of hours, curdling, and churning. Curds are used largely by the natives, and cream-cheese of a good quality is manufactured in some localities.

Elephants' tusks, horns, and tallow are important articles of produce. Skins of sheep, white and black, as also of deer, antelope, and tiger, are used for door-mats and ornaments. The wool is generally coarse and short; but the hair of the Cashmere goat, from which the finest shawls are made, is about eighteen inches long, yet one fleece weighs only three ounces, and eight fleeces are required for a shawl a yard and a half square.

A good quality of honey is found in the hills, usually deposited in the crevices of the rocks. Bees-wax is made, sufficient for home use. Lac is a dye distilled by a small insect, usually on the banyan-tree. The cochineal insect has been imported from America; but no great success has attended its introduction. As in China, so in India, the eggs of the silk-worm hatch by the natural heat; but the raising of them here has not assumed the same proportions as there, though silk is an important product.

The quills of the porcupine, which are hard and

strong, are used for various purposes. Beautiful specimens of coral and various kinds of sea-shells are found. In some places along the coast sardines are caught in such abundance that they are used for manure. The pearl-fishery is largely engaged in, in some of the adjacent islands, as also on the coast at Kurachee.

4. MINERAL PRODUCTIONS.

If India does not hold its own in the mineral as in the animal and vegetable kingdoms, it is not because of want of variety in the geological conformation of the country. Geologists tell us that the Himâlayas consist of granite rocks, which have penetrated the stratified, metamorphosing them in many places into crystalline limestone, mica schist, clay slate, and gneiss. The last of these is a very common stone over India. Sandstone and conglomerate are found in layers at the base of the mountains. Nearly the whole of the Deccan consists of metamorphic rocks, and in some places large boulders are heaped one upon another in such form that, apparently, the strength of one man would cause them to tumble down. Between the ghâts and the sea are small, rocky ranges, and sometimes isolated peaks rising into lofty columns, like works of art. The large river basins are post-tertiary alluvial deposits, while the uplands consist largely of a red soil, but in some places black; and on the east coast it is sandy. The soil generally has been formed from the decay of rocks.

BUILDING STONE.

Of this there are many kinds, and they are pretty generally distributed over the country, though in some places the stone must be brought from a great distance. The most common are the various kinds of trap, which are easily worked and answer for common buildings and fences. For more substantial and ornamental work sandstone, freestone, quartz rock, granite, basalt, and various kinds of marble are used. Limestone yielding an excellent quality of lime is found in some places a few feet below the surface.

In some parts of the Deccan vast layers of stone are found near the surface, of uniform thickness, about five inches. The Porebunder flags are about three inches thick, and are much used for floors and pavements.

METALS.

Iron is found in abundance in various districts, in some of which the mines are successfully worked; but a great drawback is scarcity of fuel for smelting. Lead and copper ore are found in Kumaon and different parts, but as yet have not received great attention. Gold and silver have long been mined in various parts, but more recently new discoveries have been made in the Wynad district in the Nilgherries, and English companies have been formed for developing various mines.

EARTHS, COAL, ETC.

In almost any part of India may be found clay suited for the manufacture of bricks, tiles, and pottery; while in some places a finer article suitable for clay figures, brackets, and even porcelain, is met with.

The Indian coal fields include a large part of North and Central India, and are being gradually developed; but neither is the quantity nor the quality such that it will soon supersede English coal. The mines at Rannigunge, near Calcutta, employ five thousand men and women, who raise six hundred thousand tons of coal annually. Petroleum is found in Assam, but not enough as yet to affect the supply from America. Salt is collected from Sambur Lake and others of the salt range, as well as from sea water. Rock salt is formed in the Punjab. Saltpeter is produced in considerable quantities, as also asphalt.

PRECIOUS STONES.

India has long been noted for its diamonds, especially the mines of Golconda; and it is particularly worthy of note that all the very large and fine ones in the world have been found here. The most famous of all, perhaps, though not the largest, the Koh-i-noor (mountain of light), which once belonged to the Great Mogul, but is now in the possession of the queen of England, was picked up on the banks of the Godavery. There are fine carnelian mines along the Gulf of Cambay, as also blood-stones, lapis-lazuli, and crystals. The agate, emerald, and spinal ruby are

found in small quantities in different parts of the country. Beautiful specimens of quartz and trilobites are picked out of the trap in Western India.

5. CLIMATE AND HEALTHFULNESS.

VARIETY.

The three great causes of difference of climate, namely, latitude, sea, and elevation, all combine to render the climate of India most diversified. Indeed, this might be said of very short distances; for instance, at the foot of the Nilgherries the mean annual temperature is as high as 80° Fahrenheit, while on the top of the mountains it comes down to 65° , or lower. The warmest places are the Great Desert and the south-east coast, 80° , and the coolest station occupied is Darjeeling, in the Himâlayas, 54° . This, however, is true only of the average temperature, for it is observable that there is a remarkable equalization of this in the different latitudes. Areet, in latitude 13° , has the same mean annual temperature, 82° , as Nagpore and Surat, in latitude 21° ; Allahabad, in latitude 25° , has the same, 81° , as Calicut, in latitude 11° , which is the same as Singapore, almost immediately under the equator; Bangalore, in latitude 13° , is one degree cooler, 74° , than Poona, in latitude 18° , and Lahore, in latitude 31° , being higher; and lastly Ootacumund, in latitude 11° is one degree cooler, 56° , than Srinugger, in latitude 34° , being two thousand feet higher. So when it is remembered that the Winter in North and Central India is much colder than in Southern India,

it will be seen that the Summer in the former must be excessively hot. And so it is, the thermometer reaching, and even exceeding 123° in the shade, and 167° in the sun, which is occasioned by the hot winds blowing from the heated plains as from a burning furnace.

On the other hand places along the sea-coast enjoy a very equable climate. In Calcutta the mean temperature in January, the coldest month, is 66° , and in April, the hottest month, 85° , though in some days in each case it quite exceeds these limits. In Bombay the thermometer rarely falls below 75° , or exceeds 100° , which, with a daily sea breeze is more tolerable than some places in America. At Poona and Bangalore, as over most of the Deccan, the months of July, August, and September, are delightful, and would afford a fine change from the dust and heat of many other places in the world.

SEASONS.

In North and Central India the seasons are almost as well marked as in England and North America, though certainly very different. They are three of almost equal length, the cool beginning with November, the warm commencing the latter part of February, and the wet beginning in June. On the highlands there is some frost, and far up the mountains snow.

In Southern India, as has been noticed already, there is scarcely any cold weather, except on the hills, and not so much of the exceeding hot weather; so there are but two distinctly marked seasons regulated

by the monsoons, the wet and the dry. Along the sea-coast, however, the temperature is always moist, and no other sudorific is required, while on the plateau of the Deccan it is much drier.

MONSOONS AND CYCLONES.

From October to April, when the sun is shining directly on the southern hemisphere, it heats up the continent of Africa more than the temperature of the ocean, causing the wind to blow in that direction. That is the north-east monsoon, and carries rain to Africa, and, to some extent, from the Bay of Bengal to Southern India. When the sun returns north, it heats the plains of India and Central Asia, especially the great desert of Gobi, so that the wind changes and brings in the south-west monsoon, with rain from June to October.

Though the rainy season is the same time over India, yet the amount of rain-fall differs very much in different places. The west coast, the slope of the Himalayas, the valley of the Brahmaputra, and British Burmah receive the most rain. Cherapoonji, in Assam, has the heaviest known rain-fall—524 inches, or nearly 44 feet. Mahobleshwur, on the Western Ghâts, has about 300 inches; Bombay, 71; Calcutta, 66; Madras, 50; Delhi, 24; and Sindh, about two inches. Hence, when there is a light monsoon, people in some parts must suffer, and, unless provision is made for irrigation, famine is the inevitable consequence.

The south-west monsoon is always ushered in with

thunder and lightning. Occasionally a hurricane sweeps over the country, doing some damage, and in the same way a tidal wave may sweep over the lowlands along the coast. Once in ten or twelve years a cyclone of unusual severity is expected to strike the coast, most generally from the Bay of Bengál, doing immense damage to life and property. The one in October, 1864, killed and wounded sixty persons, and destroyed and damaged nearly one hundred thousand buildings and one hundred and ninety ships in Calcutta alone.

SANITARIA.

To recuperate health and regain vigor lost by living in the enervating climate of the lowlands and plains, it has been found necessary to open up resting-places on the hills, where generally there is shade from the scorching sun, and a somewhat invigorating atmosphere, even in the hot weather. The governor-general moves his whole establishment to Simla, in the Himâlayas; the Bombay government goes to Mahobleshwur, and the Madras to Ootacumund. Bengál has Darjeeling, the north-west provinces, Nynce Tal, the Punjab, Mussoorie, the central provinces, Puchmuree, the Berars, Chiculda, and Rajpôtâna, Mt. Aboo. Besides these, there are Mâtherân (from mâtha, summit, and rân, forest), near Bombay, the Pulney Hills, of Southern India, and many others of less note. Many private persons, and those who can get leave, visit these places also. The government has provided barracks in some places for those soldiers who may require such a

change; and many of the missionary societies have followed the example in providing bungalows for their missionaries, and also in allowing funds to meet the increased expenses in going. Some who can not go to the expense of a change to the hills hire tents for a few weeks, and camp out in a grove, such as Lanowlee, on the railway, eighty miles from Bombay, and forty from Poona.

DISEASES.

No doubt several causes combine to render the country unhealthy; but the most noticeable are the crowded population in the cities, with lack of fresh air, pure water, and cleanliness; the flocking together in such numbers at melas (festivals), and intemperance in eating, drinking, and sleeping. Though the European who has come to stay any length of time has to go through a little season of acclimatization, yet there is no reason why, with proper precautions of sanitation, diet, and exercise, he should not enjoy as good health here as elsewhere, save only the physical depression inevitable from a warm climate. To prove the possibility, some have lived and worked to a good old age, without once leaving the country; and some are living and working still, who long ago were ordered by the physicians out of the country, never to return. There is no doubt, however, that a change to a colder climate is beneficial, and as disease, when it does take hold, often runs its course in a few hours, it is not safe to trust to one's self; and one great blessing to the country is good medical attendance, to

be had in every important station, and hospitals in all the large cities.

It has been ascertained that the percentage of mortality among natives and Europeans is somewhat as follows: Dysentery, 30 per cent; fevers, 20; cholera, 18; hepatic diseases, 8; and all others, 24 per cent. The prevailing varieties of fever are intermittent, remittent, and jungle fever, with occasional cases of typhoid, which, though they usually yield readily to treatment, yet often not until the patient is removed from the region of the malaria. Some cases of cholera are always to be found in large cities; but it rarely becomes epidemic, except when thousands of people flock together at fairs, eat unripe fruit and other indigestible food, with impure water, and, after contracting the disease, scatter it everywhere on their return. Liver diseases, though not so fatal as others, are yet quite prevalent, induced generally either by a sedentary or intemperate life. Small-pox is often very fatal among the native population; but compulsory vaccination has greatly lessened its evil effects. Leprosy still makes its ravages as of old on the Asiatic continent, stealing insidiously upon the individual, until he wakes up to the fact that he is a leper. It is still beyond the physician's power to cure, and nothing can be done but to check its progress somewhat, and smooth the way to the grave, which may thus be kept off for years. Though not deemed contagious, yet all agree that it is best to keep out of its way.

Exposure to the sun sometimes causes sunstroke,

which, however, may be avoided by proper care. Bilious headache is often obviated by avoiding the use of tea and coffee and all other stimulants, which are certainly not required, as one can wear himself out fast enough without them. Very few consumptives are met with, and this is, perhaps, one of the best countries for those suffering with pulmonary complaints. Children usually lack the bloom here that they have in colder climates, and teething is generally a very trying time.

6. NATURAL SCENERY.

LANDSCAPES.

The vale of Cashmere has long been noted for its picturesque scenery, almost paradisiacal. What with its placid lakes and running streams, its beautiful flowers and grand avenues of poplar and other trees, the traveler is amply repaid for the toil, expense, and danger of a visit. Officers often spend their leave there.

The Happy Valley of Nepâl is rendered the more beautiful by the villages and hamlets clustered here and there in quiet seclusion.

Many Alpine scenes in the Himâlayas are almost unsurpassed on the globe, one of the most noted of which is the view from Mt. Cheena, where the traveler may look up to the snowy range twenty thousand feet higher than himself, which seems to prop the firmament above and around, like the supports of an immense dome; and then, changing his stand-point

a few paces, he may look down two thousand feet to the lovely Nynce Tâl (lake) nestled in the mountains, and six thousand feet lower to the vast plain spread out hundreds of miles before his enraptured vision.

From Panorama Point, on Mâtherân, is a splendid view of the city and harbor of Bombay, with shipping, coast-line, cocoa-nut groves, hills, and buildings, making a panorama such as is rarely equaled. Near by is also a fine grove of magnificent trees, festooned with large creepers, called amrai (mango tope). From Elphinstone Point, at Mahobleshwur, is a sheer descent of two thousand feet, and a similar one from Arthur's Seat near by, while two thousand feet lower is the Coukan, stretching to the sea, and disclosing most beautiful landscapes of fields and groves, hills and dales.

WATERFALLS.

Not far distant from the last mentioned are the valley and falls of the Yena, where the swollen waters rush over a precipice, with a clear fall of five hundred feet. During the rains a passage on the railway over the Bhore Ghât affords a view most entrancing. The mountains are dressed in living green, their tops shrouded in mist, and their sides threaded by silver streams, while in the chasm the cataract plunges and boils and foams and roars till it joins the flood two thousand feet below.

The Gokah Falls are formed by the Gutpurba contracting from about two hundred and fifty to eighty yards in width, and plunging over a sandstone ledge,

and dashing down a chasm one hundred and seventy-eight feet. But the most noted cataract in India is the Gairsoppa Falls, in Southern India, consisting of four distinct falls — “The Rajah,” “The Roarer,” “The Rocket,” and “Dame Blanche;” the first falling eight hundred and thirty feet direct, and the others being grand cascades — all visible at one view. Not far from Jubbulpore are the “Marble Rocks,” where the Nerbudda, already a considerable stream, forces its way through a long, narrow gorge, as if cut through the solid marble.

WONDERFUL TREES.

Gigantic banyan-trees are found in different parts. One there is at the foot of Mahobleshwur Hills which shades three-fourths of an acre perfectly at noonday, the many stems forming aisles as of a church. Near Broach, in Guzerat, is supposed to be the largest banyan in the world, capable once of sheltering five thousand horsemen; and, though a large part was blown away in a terrible storm, yet it still has a circumference of eighteen hundred feet.

A tree of the *Michelia Champaca*, on the southwestern ghâts, measures fifty-nine feet in girth three feet from the ground.

In the Lanowlee woods is a creeper two feet in diameter, twining over the tops of many lofty trees.

Chapter II.

PEOPLE OF INDIA.

1. RACES, NUMBERS, ETC.

WHEN we come to consider the inhabitants of this very ancient country, we meet with difficulties much greater than those experienced in examining its physical features. There are absolutely no reliable records till we reach the period of modern history.

ABORIGINES.

Whether entirely of a different race or not, it is on all hands conceded that the various hill tribes are the descendants of the aborigines of the country; but how or when they came is veiled in utter obscurity. It must, however, have been very soon after the confusion of tongues at Babel, and they must either have entered from the north-east or have taken the path over the passes of the Hindu Kûsh in the north-west, which was followed by their successors; who, being more powerful, drove them into their present mountain retreats.

One of the most important of these tribes is the *Bheels*, a nomadic race, who roam the jungles of Central India, and are of dark color and short stature, with thick, matted hair and beards. They get their

living mainly by hunting with bows and arrows, which they hold with their feet. They were the most dangerous people in the country till the government conceived the idea of enlisting a corps of them for military purposes, which has worked admirably.

The *Gouds*, who live in the rocky fastnesses and dense forests along the head-waters of the Nerbudda, are more degraded than the Bheels, living in a wretched state, and some going entirely naked. The *Kols* and *Santals* of Chota Nagpore, and *Khouds* of Orissa, are larger tribes and more advanced toward civilization, engaging to some extent in agriculture.

Along the Western Ghâts are several small tribes; as, the *Wâralis*, who live largely on the fowls which they raise, and the proceeds of the wood, which they cut and sell; the *Kâtodis*, including the *Thakores*, who move their villages from place to place on the hills, while they manufacture the *kât* (a gum from the *acacia catechu*), from which they get their name, and chiefly their support, though amongst other things, they eat lizards, squirrels, serpents, swine, and the black-faced monkey; the *Ramosis*, who are employed as watchmen in villages, shops, and bungalows; and similar to them the *Kolis*, who are porters, hunters, fishermen, and boatmen, but many of them make a living largely by robbing and plundering. The huts of all these tribes as far as they have any, are rude and miserable in the extreme.

Corresponding to the hill tribes of India are the Karens, of Burmah, supposed to be the aborigines.

SCYTHIANS.

Less than two centuries after the dispersion of mankind, when one great branch of the Scythian family migrated toward the north of Europe, another wending their way southward descended into India, soon occupying the great valleys of the Indus and Ganges, and the whole of Northern India. However, other invaders more powerful than themselves descending upon them, they advanced beyond the Nerbudda, and found a permanent home in Southern India and Ceylon, where their descendants are still found.

ARYANS.

Those who followed so closely upon the Scythians belonged to the great Indo-European family, of which the Teutons are an important branch. Being a race of shepherds, and requiring pasturage for their flocks, they soon became widely scattered, some going to the far west, and in modern times peopling a good part of North America, while others following their flocks to the south-east, occupied the whole of Hindûstân, driving their predecessors, as we have seen, into the mountains, and the very pocket of the peninsula. They called themselves Aryans (Nobles), but became known to Europeans as Hindus, a word signifying in their language "black," they having by this time become somewhat tanned by the tropical sun, though not so much so as the Scythians, and they in turn not so much so as the hill tribes.

MONGOLS.

Besides these great families, and differing largely from them, another is represented in India by the people on the slopes of the lower Himâlayas, Assam, and British Burmah. That is, the great Mongolian race to which the people of Tibet and China belong, and who gradually worked themselves down from Central Asia, over the whole of the Indo-Chinese Peninsula; but at what time they entered India is as little known as in the case of the other races. They still preserve their Mongolian features, are short of stature and enterprising.

Besides all these, there are large numbers of the Afghan, Arabian, and Persian invaders, whose descendants have more or less, but not altogether mixed with these; and in addition to these almost every race under the sun is represented by a small number in India, or even in any one of its great commercial cities.

NUMBERS AND DENSITY.

In the whole of India and British Burmah, according to the last census there are two hundred and fifty millions of people, or eight times as many as in the British Isles, and five times as many as in the United States, about four-fifths as many as the whole of Europe, more than Africa and Oceanic combined, or one out of every six on the globe. About one-sixth of these are Mussulmans, or nearly one-third of all the Mohammedans on the earth. The greater number of these are in Bengâl, where they constitute almost one

out of three of the population. Nearly all the rest, or about two hundred millions, are Hindus in the broadest sense of that term, that is, they profess the Hindu religion.

India is next to China in numbers, and also in density of population. The average for the whole country, however, is only one hundred and sixty-six to the square mile, but in some places it is very much more, reaching in one district as high as one thousand to the square mile. From this it will be seen there is great inequality in the distribution of the inhabitants; and as in most other countries the population continues increasing, and famines are recurring more or less frequently in these over-crowded districts, it is apparent that some equalization is necessary. Hence, numbers are being attracted to the more thinly settled parts, as from Bengâl to the hills about Darjeeling, and in Assam, where are large tea plantations. Also increase of wages has attracted many Madrassees to British Burmah.

The greatest encouragement given by the government has been to induce Coolies to go and work in the sugar plantations of Mauritius and the West Indies. These, however, go only for a period of years, and expect to return, so no permanent colonies are formed.

CHARACTER.

The Hindu is excessively conservative, deeming it the greatest of sins to adopt any thing different from what his ancestors employed; and hence, he has been

at a stand-still these thousands of years, though now forces are at work that he can not resist. One of the reasons of their conservatism, no doubt, is another of their characteristics, that is, a proverbial sluggishness, and unwillingness to do any thing that can be avoided. His way of killing time is to sleep, which he can do almost anywhere, and at any time of the day. Of the value of time, either his own or that of others, he has no idea, so he is not characterized by promptness and punctuality. The struggle for life, however, does not admit of a great deal of idleness. Their love of jewelry and display make up somewhat for their improvidence, for in times of famine thousands of rupees' worth of ornaments are melted and coined. Their politeness is neutralized by their insincerity, their general honesty by their untruthfulness, their gentleness of manners by their proneness to quarrel, and go to law with one another. Though reticent about their own families, they are obtrusive enough in prying into the private affairs of others, thinking nothing of asking a gentleman the amount of his salary—and estimating him accordingly. Their readiness to care for their own relations is perhaps due to their caste rules, which shut them out from the rest of the world.

As might be supposed, however, among such numbers and so many races, there is great difference in the people of different parts. The Bengâli, whose food is almost exclusively rice, is weak and effeminate, but ingenious; the Rajpûts and Rohillas, brave and independent; the Sikhs and Goorkas make excellent

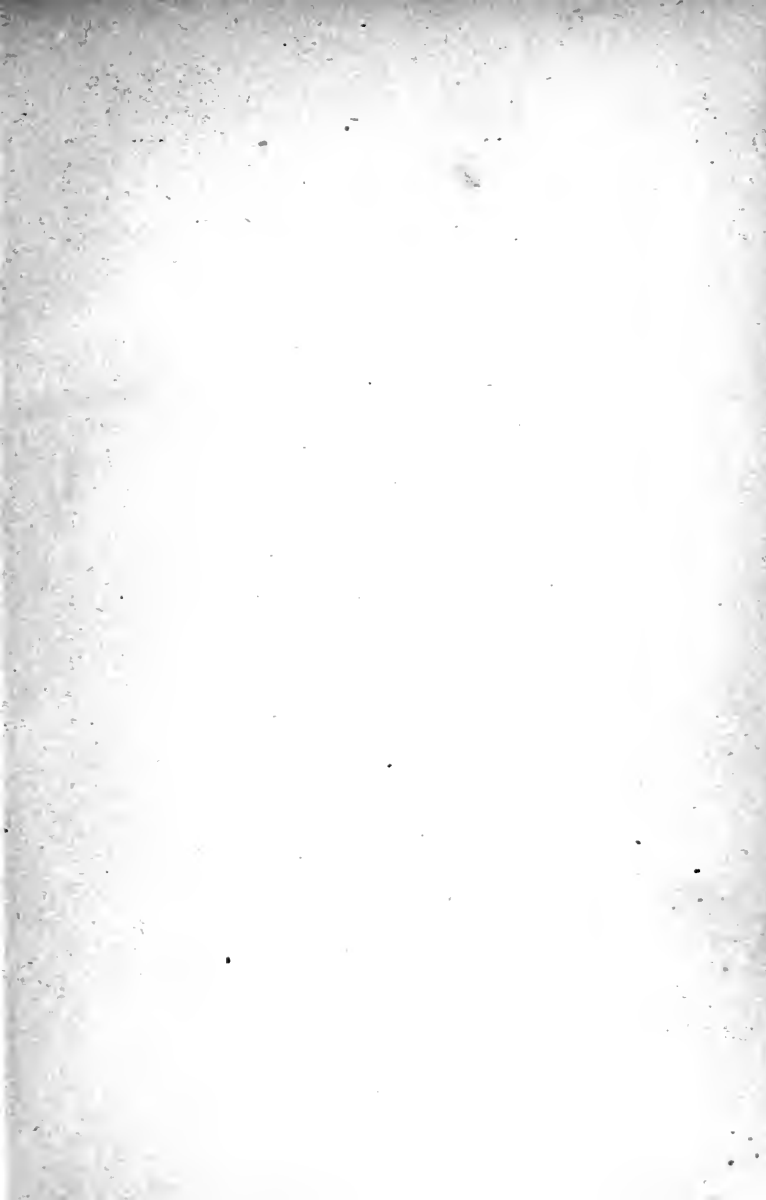
soldiers, the Marâthas are cunning and reserved, the Madrâssees faithful and more enterprising than many of their countrymen. And although for the most part these profess the same religion, yet they have nothing much in common, but rather mutually despise or hate each other.

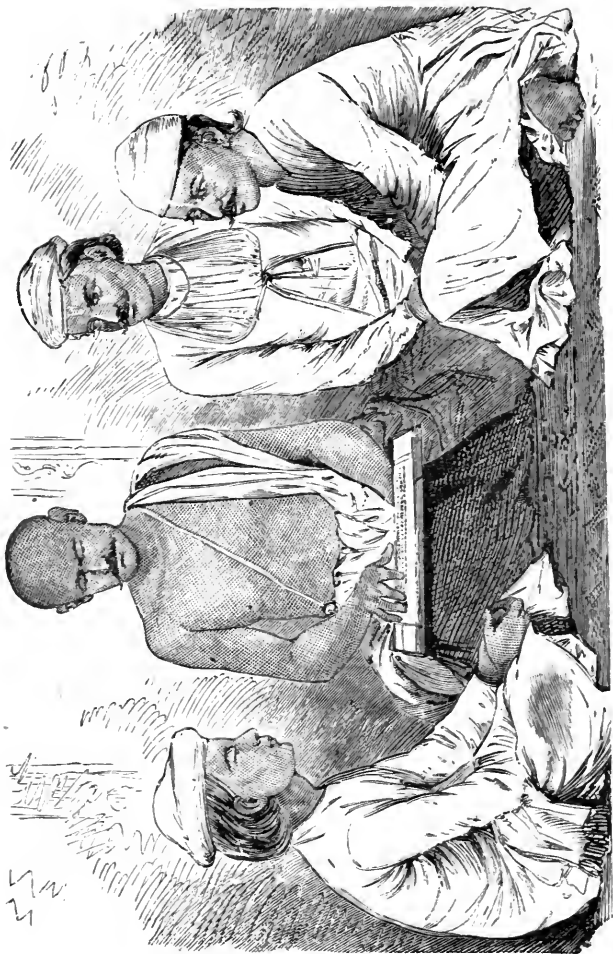
The Mohammedans as elsewhere, are bigoted and fanatical, but much more active than their Hindu neighbors generally. The Parsees are enterprising and exceedingly worldly. Morality is at a low ebb among all classes, some estimating that for every four who are pure and chaste, one is not, while others would reverse these figures. Intemperance in many places is on the increase, country liquors giving way often to foreign, though there is considerable improvement under the present liberal administration, especially in the villages.

Notwithstanding all this, however, the Indians are an interesting people from whatever stand-point they may be viewed.

2. MANNER OF LIFE.

In considering all these social matters it must be borne in mind that there is great difference in the various districts, and what is true in one, may not be true in another; but it would be very tedious to note them all, even if one were sufficiently acquainted with them all. That which is calculated to strike the stranger first on his arrival in Oriental lands is the





GROUP OF HINDOOS.

DRESS,

of which there is great variety, each class and caste having some article by which it may be distinguished from others; and though at first the clothing may seem so odd, and even fantastical, yet on a closer study and acquaintance it will be seen generally adapted to the people and the climate. In nothing is there more variety than in the head-dress. Hindus, besides shaving the face all but the mustaches, shave also the head except a small top-knot, considered sacred, which they allow to grow long and tie up in a knot. Numbers, however, shave only the pate and keep the rest cropped. Mohammedans revere the beard, sometimes dyeing it red, but shave the head, wearing a skull-cap; as do also the Parsees, with the hair cropped.

The hat of the Parsee is not unlike a "stove-pipe," without brim and mashed flat at the top, which they have adopted and modified from a merchant caste in Guzerat. These hats are all of a dark color, except those of the priests, which are white. The hat of the Sindhee is the "stove-pipe," with the brim at the top. The puggery, worn by most of the men, consists of a narrow piece of cloth (cotton or silk) many yards in length folded around and over the crown of the head, the Brahmins with a broad brim (in Western India like a cartwheel), the Purbhoos with narrow brim, the Bunyas with a sharp point on top, etc., of various colors; but that of the Mussulmans usually light and plain with narrow brim. The Bengalis go bareheaded on all occasions.

The Mussulmans (men and women) wear muslin trousers, especially in western India. Those of the Parsees are often made of silk of various bright colors. As a rule, Hindûs do not wear trousers, but a piece of muslin folded around the loins and between the legs, where the ends are left to dangle. On the upper parts they wear a jacket, and over that usually a long coat with sleeves (made of shirting or colored woolen goods, according to the weather), the fastenings usually being strings instead of buttons; but the country people are content with a coarse woolen blanket. Above all, a scarf is often worn wrapped around the shoulders, and permitted to hang down in graceful folds. In full dress, the Parsees and Mohammedans wear a long dress reaching to the ground, and kept in its place by a 'girdle, like the Jews and Persians. A peculiarity of all is the length and tightness of the sleeves and legs, requiring much time in drawing on. The proper dress of ladies is a tight-fitting jacket, and a skirt made of a long piece of muslin folded around, and hanging down, one end being thrown over the head for a covering; in addition to which Parsee ladies wear a band or fillet over the head.

Many men and women go barefoot, but some wear sandals of leather or wood, held on by the toes, and others shoes usually without stockings, sometimes with long sharp toes turned up after the manner of the English, centuries ago. These are made so as to be easily thrown off, and many persons turn down the heels wearing them slipshod.

Men sometimes wear rings on their fingers, and in their ears, which like those of the North American Indians are sometimes sadly hacked for this purpose. But women want jewelry on nearly every part of the body, ears, nose, neck, bosom, arms, wrists, fingers, ankles, and toes, some so large and heavy as not only to render them hideous, but to interfere with their eating, working, and locomotion. They are made of gold, silver, brass, ivory, or glass, some being very expensive, and in the case of children, of whom they sometimes constitute the whole apparel, they are occasionally a temptation to the thief even to the peril of the child's life.

With the exception of ornaments, however, the dress is not usually very expensive, and many of the poor clothe so simply and scantily, as to cost almost nothing.

DWELLINGS.

The people of India know nothing of isolated private residences, except what they have learned from foreigners, but whether in town or country, their houses are crowded together in unhealthy proximity. With few exceptions, the streets are very crooked and narrow, and the villages are often built merely on the two sides of the public road. In large cities the houses may be six or seven stories high, containing half a hundred small low rooms, and sometimes nearly as many families, for generally they do not require more than one or two rooms for each, for sitting, eating, cooking, sleeping and bathing. They are built of

brick or stone with untempered mortar, the floor of earth and the roof of tiles, very little wood being used. The walls are stuccoed within and without, and the floor smeared with cow-dung, which makes a strong crust when dry. Fires are neither so common nor destructive as elsewhere. In the villages the houses are huts, with walls of mud, or rough stones and mud, or small upright sticks, daubed with mud, with a coating of cow-dung. The roof is of tiles, straw, grass, or palm-leaves laid over small rafters. Though the hut is small, yet likely one-half will be set apart for cattle and goats, while the other will be occupied by the family—father, mother, children, and relations—happy as their brute companions.

The only articles of furniture required are the indispensable upper and nether mill-stone and a few earthen or copper vessels for holding water and eatables, and for cooking the food, in partaking of which they all squat around the vessel in which it has been cooked, and make use of those primitive instruments, the fingers, for knives, forks, and spoons, with occasionally a plantain-leaf for a plate. The women usually eat after the others are done.

In the cities many have rude chairs, tables, and cots, with perhaps a small pallet to lie on, which they can take up and walk, as the paralytic healed was ordered by the Savior to do. But generally the only article of bedding is the unfolded puggery or shoulder-cloth, which they wear during the day, as in Moses' time; and in the warm weather thousands of them

may be seen at night sleeping in the less frequented streets, covered head and ears, with no chance for pure air, which seems with them not to be a desideratum. In the cold weather many may be seen in clumps, squatted around a little fire, with their scanty clothes drawn around them. But their greatest suffering is when the heavy and continuous rains come, and, in addition to their leaky huts, they can not change the garments worn during the day.

Their religion requires bathing, and so hundreds at a time may be seen at a stream or well, pouring water over their bodies, and, when done, dexterously changing their clothes. The first thing in the morning is to wash their mouths and throats thoroughly with their fingers and a stick, till retching is produced, for the purpose of expelling the devils that may have taken up their abode in them during the night.

The only approach to an inn is *dhurmsâlas*, provided free in all the cities and towns and villages, where travelers may cook their food, and sleep. They are built by private charity usually, though regarded as a public necessity, just as is the case with public wells and tanks. The government *chawady*, where the village authorities hold forth, is also used to accommodate travelers, and is kept in better order generally than the *dhurmsâla*.

Rent, of course, is very low, but house-owners are often hard on tenants.

FOOD.

The great article of food is rice, which grows more or less abundantly in nearly all parts of India. On the uplands native grains are largely consumed, and in nearly all parts the indigenous fruits and vegetables form an important article of diet. Beef, mutton, and goat-flesh are consumed by Mohammedans, Parsees, and not a few Hindûs who can afford it; also domestic fowls, very few caring for wild-game, either for the food or the sport.

The manner of cooking is to boil the rice till done, and then pour off the water, leaving it quite dry and unpalatable but for the highly seasoned vegetables and curry which inevitably accompany it. Curry is a dish made of dâl, or some kind of vegetable or meat cut up in small pieces, and cooked with cayenne pepper, garlic, turmeric, coriander-seed, black pepper, fenu-greek, ginger, cumin-seed, mustard, mace, cinnamon, cardamoms, and other spices, part or all, in varying proportions, ground and mixed together. Many of the people have little else than rice and pepper-water.

Grain is ground by two women, one on each side of two stones, turning the upper one, just as they did in Palestine two thousand years ago. The meal is kneaded in an earthen or copper vessel, and drawn out by the hand into thin cakes, which are baked on sheet-iron platters, and when eaten warm are not unpalatable. Sometimes a layer of dâl is placed between two layers of dough, making a sweet and wholesome cake. Sweetmeats made of milk, sugar, wheat, plan-

tains, pop-corn, popped rice, parched grain, pea-nuts, barley, and other grains, and also sugar-coated nuts, oftentimes constitute the whole meal when one is away from home, which may also be said of the native fruits when in season.

Water is procured from wells, tanks, or streams, the former of which are quite abundant, but the water is not always pure. As wood is scarce, often selling as high as two rupees per cwt., a common article of fuel is dried cakes made from the ordure of cows and horses mixed with a little straw, which burn readily with great heat.

The morning meal is light, often consisting of a cup of coffee or tea only, with a little bread, taken early. In that case the principal meal will be about noon, and a light one at night. But often there are only two meals a day, one about nine o'clock in the morning, and the other and principal one about dark, or later.

Parsees will not prostitute fire to the base use of smoking tobacco; but most others, high and low, indulge in a cigarette (generally made of a little tobacco tied up in a dried leaf). No one will chew tobacco; but the betel-nut, with leaf and a little lime, takes its place, promoting saliva in the same way, and dyeing the teeth a filthy red.

When it is remembered that the two hundred and fifty millions of India produce and consume less than the fifty millions of the United States, it will be seen that many of them must go hungry, especially in the

over-populated districts or where the soil is wanting in fertility; and yet, in addition to the betel-nut, many of them find money to spend on opium, arrack, or *bhâng* (the intoxicating liquor made from the juice of the hemp). Mothers sometimes give opium to their infants to keep them quiet, and ayahs require guarding on this point.

MARKETS AND FAIRS.

In all the cities and large towns there are places set apart with stalls for markets; one for beef, another for mutton, and another for fresh vegetables and fruits; while grain is kept constantly for sale in shops.

But, besides the daily bazaar, there is one day in the week in which a large fair is held, when produce is brought in for miles around to be sold. In some places many acres of ground are covered with loaded carts from the country, and shops from the city, where all sorts of ware are exposed. It is usually the *bunyas* who are first accommodated, they buying by wholesale and selling by retail. In smaller towns and villages this weekly fair is all the bazaar they have, though small shops with grain and sweetmeats appear in every hamlet of a dozen houses.

Their manner of marketing is to wrap up each article purchased in a fold of the garment, in one corner of which the money is also tied, and thus carry it home, after the manner in which Ruth took the grain given by Boaz. When larger quantites are bought, hampers are used.

FESTIVALS AND MUSIC.

As festivals, though ostensibly for religious purposes, have become with most of the people nothing more than occasions of amusement and display, it is proper to notice them here. On such occasions the whole community take holiday, and come out in their holiday attire; while fruits, sweetmeats, and toys are everywhere exposed for sale, to the no small profit of the sellers. Also whirligigs, both upright and horizontal, dazzle the eyes and brains of the young, much the same as is done at English and American fairs by the same kinds of swing, of which these are the archetypes.

Though these festivals occur very often, several of them in each month of the year, yet it will be sufficient to notice a few of the principal.

The Dewalee (row of lights) corresponds to the Chinese feast of lanterns. For two nights every house, large and small, is brilliantly lighted inside and out, from top to bottom, while the people promenade the streets, or drive out in every variety of vehicle, to enjoy the grand illumination. Merchants and bankers cast up their accounts, and over their account-books worship Lukshmi, the wife of Vishnu and goddess of wealth, it being the financial new year, or about the end of October.

On Cocoa-nut Day, at the close of the festivities, a grand procession is formed to the sea or some water-course, where offerings of cocoa-nuts are thrown into the water to appease the angry sea-god, after which

they suppose vessels may proceed in safety to sea. This supposition is not at all correct; for often there is plenty of rain and stormy weather thereafter, it occurring about the end of August. This, perhaps, may be attributed to the fact that the god does not get the cocoa-nuts, but coolies, who run in and gather them up.

The Dussera is the feast of harvests, occurring about the end of September, when the people worship their agricultural implements and their horses and cattle, which they decorate with flowers, smearing the horns with streaks of paint. In Bengál it is called the Dûrga Pûja, being in honor of Dûrga, the wife of Shiv, and is the most splendid and expensive of all the Hindu festivals, all business being suspended for several days, while universal festivity prevails.

The great festival of Gunputty is very popular in Western India. His disgusting image, made of clay, is sold in large numbers. Some of them are very expensive, and are kept in the house several days, offerings of sweetmeats and flowers being made to them; and finally, on the great day, they are brought out and carried in great state in palanquins, accompanied with a grand procession, dancing, and singing impure songs.

But the most disgusting of all the Hindu festivals is the Holee, corresponding to the saturnalia of the ancient Romans. Men throw a kind of red powder on each other, besmearing their faces and clothes, dress in women's apparel, while they dance nearly all night around a fire, get beastly drunk, and vie with each

other in the use of obscene language, too disgusting even for Hindu women to listen to.

In the Nâgpunchmi they worship the nâg (snake), and women and girls form a circle, going round and round, and singing for hours; at which time thousands flock together and make merry. But for the convenience of those who can not get out, snake-charmers carry the reptile around to the houses.

Some Hindu festivals are for men only, and some for women only, while most are for both.

The great occasion of the Mussulmans is the Mohurrum, when they commemorate the deaths of Hoo-sein and Hussein, the grandsons of Mohammed by his favorite daughter Fatima. The division of the Mohammedans into two great sects was occasioned by the assertion of these two princes of the right of succession to their grandfather, the prophet, in fighting for which they were both slain at the famous battle of Kurbela. This gave the caliphs undisputed sway. The Turks and Arabs claim that the caliphs were the rightful successors, and are called Soonees because they also receive the traditions (soonas); while the Persians believe that Ali and his two sons should have succeeded, and that their death was a great calamity. In either case the month Mohurrum, in which the battle took place, is a memorable one, and the festival is kept up for a fortnight.

Among the Soonees it is a time of great rejoicing. Some paint themselves as tigers with long tails, while the yells of those leading and accompanying are not

much less frightful than they would be if they were real tigers. On the last day they form into one grand procession, and carry their mimic tombs, some of which are very large and imposing, but only tinsel on a large bamboo frame, with other funeral paraphernalia, to be thrown into the sea or other water, the whole accompanied with dancing and leaping of certain parties all the way.

The Shiahhs, on the other hand, keep it as an occasion of mourning, and on the last evening a drama depicting the scene of the return of the riderless horse to the bereaved wife and children is enacted in the great imambarra, during which some work themselves up to such a frenzy that they beat their breasts till the blood gushes out, and perfectly exhaust themselves, as the dervishes of Turkey do on other occasions.

During the whole of the festival the air is made to resound with the repetition, alternately, of the names "Hoosein, Hussein," by both parties, but with different expression, and many a conflict, bloody and fatal, is prevented by the two parties being kept separate, which is accomplished only by the vigilance of the police.

The Parsees have no great festival of their own, though they observe their new-year's day; but they manifest great facility in appropriating those of others, especially the dewalee.

In all these festivals there is more or less of native music, the only department in which they will not yield the palm to Europeans; and if deafening noise and

discordant sounds make music, then they ought to bear the palm. Their tom-toms and tambourines certainly excel in clatter, their cymbals in jingle, their flutes and pipes and horns in shrillness, and their stringed instruments in monotony. There is, however, no accounting for tastes. But music amongst them is mostly impromptu, and not studied as a science; and hence, of course, is not appreciated by cultivated ears. Nevertheless, many native airs, both plaintive and gay, are pleasant to the ear, and some of the people have good voices, which, when trained, are quite entertaining, while some of the ladies, especially among the Parsees, have learned to perform on the piano.

Private nautch (dance) parties are sometimes given, in which nautch-girls, in their gay dress of many folds, dance and sing at the top of their voice far into the night, no one else taking part, and native ladies declining to attend.

Another divertimento is the theater, which is patronized by Parsees and a few others, the main attraction being the scenery and the cracking of low jokes—a veritable farce.

TRAVEL.

Formerly most people in India traveled on foot, going thousands of miles with their pilgrim's staff and wallet; but the many means of locomotion which have been introduced have largely done away with this ancient mode. A few ride on elephants or camels or

horses, but more on ponies, with ropes on each side of the blanket for stirrups. Bullock-carts covered with bamboo-mats are a common vehicle in the country, and the only ones suited to the country roads. In cities bullock hackeries are common, being light and often gayly painted and decorated, but so small that it is unpleasantly crowded when two sit on a low seat behind and two in front, with their legs hanging out. The driver sits on the pole just behind the bullocks, holding the reins (each end of which is fastened to the nose of a bullock by a hole in the nostrils), and twisting their tails to make them go.

In Central India is still used a very light vehicle, made mostly of bamboo-poles and drawn by one horse or pony, the driver sitting in front and one person on each side, with legs hanging over the wheel. It is not an uncommon sight to see a very small cart drawn by one little bullock, with shafts fixed into the ends of a piece of wood going over the neck, to which the neck-band is fastened. Though a very diminutive turn-out, it may be laden with a family of half a dozen, or with salt or other produce carried around for sale.

Once in a while you may see a man riding on a bullock, or a man and his wife, after the manner of Shiv and Dûrga, only he does not hold her in one hand.

CHILDREN.

To improve the looks of their children when they are very young, parents blacken their eyelids. Instead of cradles with rockers, it is customary to have a little

cot so suspended as to swing, and those who can not afford that make a hammock of a piece of cloth, and hang up the child to the sport of the wind, while they prosecute their daily duties. Sometimes, too, the child is carried by fastening the end of the hammock around the neck; but the orthodox way of carrying is astride the hip, which it seems to enjoy exquisitely; and it is very convenient, for the child can nurse as it goes along. For a change, some carry it astride the shoulder, but not in the arms, except when very young. They learn to walk by the help of a go-cart, and a few have adopted the perambulator.

The proper time for naming a child is on its tenth, eleventh, or one hundred and first day, and that, like other things, must be accompanied by certain rites requiring the Brahmin priest, who must have his fees. The names almost universally given to Hindoo boys are those of the gods; but girls, in addition to those of the goddesses, may have those of the virtues; as, Grace, Mercy, Peace, etc. In addition to other names, Mussulmans have the Arabic form of many Old Testament names; while the Parsees employ ancient Persian names with some such cognomen as Toddywâla, Grasswâla, Cooper, etc., borrowed from their occupation. The father's given name becomes the surname of the son, which is not used unless you ask for the father's name.

Their toys consist of rattle-traps of wood or tin, whistles, wooden dolls painted up, wooden oxen, cloth monkeys and elephants, toy wagons, etc. Boys play marbles;

but instead of shooting with the thumb, they have a novel way of pressing the taw with the finger of one hand against the second finger of the other and drawing it back, the rebound making it go with force and directness. They are also very expert at flying kites, and some unfortunately learn to play cards. Girls play "jackstones," and acquire great skill in snatching up a handful of stones (seeds of the jack-fruit or other stones) in time to catch another stone thrown up by the same hand. "Hop-scotch" is common; but one of their most popular games is *âtyapâtya*, or what their Saxon cousins out here call "salts," in which the ground is divided into several squares, and one party are to pass through all these while the other endeavor to catch them, keeping on the lines of division.

The father who has education takes his boy to his place of business, and teaches him to read, holding the book in the angle of two boards joined for a desk, while he writes with his finger on a smooth board covered with pipe-clay or other substance.

Though until recently very little was done in the way of education, yet religious instruction has not been neglected. All the ten sacraments are performed before the boy's marriage, that being the tenth. Their toys remind them of their gods, and very early they are taken to the temple to make their offerings and receive the "mark of the beast." A whole group of children may sometimes be seen standing before a priest, singing most lustily, in concert or responsively, a song to Gunputty or some other monster, accom-

panied with gestures and genuflections. Some are early put to work, but many lead lives of idleness till they are nearly grown.

3. SOCIAL CUSTOMS.

MARRIAGE CEREMONIES.

As among all the great classes in India it is a disgrace for children to grow up unmarried, it is incumbent on the parents to look out early a suitable match for their boys and girls, always, as in Abraham's case, among their relations. Thus marriages often take place in actual infancy, but oftener after the children are ten or twelve years of age, still not old enough to have any voice at all in the matter. When the offer is accepted by the bride's parents mutual promises are given, and the wedding-day appointed. The time is in the evening, sometimes even as late as midnight, as in the parable of the Ten Virgins. The higher classes have carriages; but if the parents have means at all, or can borrow them, they at least have horses richly caparisoned, on which the children sit, and if unable to sit alone, are held on. Sometimes they are almost concealed from head to foot with garlands of jasmine flowers, and occasionally an umbrella is held over the bridegroom, even though it is night. The bride's party follow that of the bridegroom, and in the rear are persons carrying the wedding presents, — fruits, sweetmeats, and paper ornaments, usually. The whole procession is accompanied by all the lads of every description and dress in the neighborhood, bearing

torches, and ever and anon there is quite a display of fire-works. The musicians go in front, and continue their trade at intervals, as long as the feast may last.

The ceremony may be performed in the house of the bride's parents or elsewhere, sometimes on the side of the road or in some unfrequented street, there being no sidewalks in native towns. The priest beforehand has been consulted as to the proper day, and now the time-measuring cup is filled with water, indicating the propitious moment. An unintelligible form of words is muttered by the officiating priest or priests, accompanied by signs and significant actions. Sometimes the two parties are joined together by a girdle thrown around them both and tied, and sometimes a kind of grain is used, of which the bride takes up handfuls, and, as fast as possible, throws them into the bridegroom's face. An ancient custom was for the two parties to go into the water along with a priest, a cow, and a calf. They joined hands, and all held the cow by the tail with the disengaged hand, while water was poured over it, and then the clothes of the contracting parties were tied together. Then, giving the cow and calf to the priest, they made their offerings to the idols, and threw themselves flat upon the ground and kissed it. The ceremony over, a feast is given, sometimes by one party and sometimes by both, lasting probably several days and nights.

The Parsees have large halls for these and other ceremonies, where sometimes, as also with rich Hindoos and Mohammedans, hundreds of people assemble.

While the ceremony is being performed by the priests, the parties face each other standing, but are kept apart by a sheet till it is all over, when it is removed, to indicate, of course, that they are no more twain, but one. The festivities all over, the parties return to their respective homes to await a fit age for living together, which is usually when they are still quite young.

The expenses of these weddings for dress, food, jewelry, and priests is often enormous, amounting to several years' income of the fathers.

TREATMENT OF WOMEN—SUTTEE.

In most cases the wife is no companion of the husband, but his slave; and hence, as with the African slaves formerly, it is not considered necessary, or even proper, that she have education. There is scarcely any thing, however, for her to do but simple cooking and waiting on her husband and sons, and yet, where they are kept close in the zenana, as in the north and east, this life of idleness is the most tedious and weary of all. The mother-in-law has all authority over the daughters-in-law in the house, and seldem fails to use it; so there is this encouragement to the young bride, that some time in the future she may succeed to authority, and take vengeance on her own daughters-in-law.

This monotonous and often hard life is one great cause of the many suicides in India, those of females largely preponderating; another cause being the desire to avenge some injury by laying the blame of the act on the conscience of the enemy.

But, sad as may be the life of the married woman, much sadder is that of the widow, who, in addition to being forbidden to re-marry, is kept separate from the rest of the family and allowed only one meal a day; in fine, treated as if guilty of her husband's death, though, perhaps, having never lived with him at all. As might be expected, this is a fruitful source of immorality, and accounts largely, too, for the willingness of some to perform *suttee* by either burning or burying themselves alive with their dead husbands. Though this was put down by Lord Bentinck about half a century ago, yet isolated cases sometimes occur in defiance of the law, and, a few years ago, on the death of a native prince, all his wives performed *suttee*, the chief one holding his head in her hands.

POLYGAMY AND INFANTICIDE.

The Mohammedans, though by the Koran allowed to marry four wives, mostly content themselves with one or two, the second being added to take the place of the first when she is superannuated or otherwise ineffective. But, what is still worse, many Parsees and Hindûs, who are not allowed two wives by their religion, and hence not by British Indian law, have one or more concubines, denominated "kept women," who, though usually supported by them, are not brought to their house.

That form of polygamy which permits a woman to have several husbands at the same time is not at present prevalent in India to any great extent, but is

found, to some extent, among a tribe of people in Cashmere, and among the Koech and Telingese. It is of the same character as that prevalent in Thibet, whence it was introduced; that is, brothers of the same family have one wife between them, the eldest being the principal husband. This seems to be a prostitution of the levirate law of the Old Testament. Polyandria, also, in its worst form, is found among several hill-tribes in the south-western ghâts, the Tudas of the Nilgherries, the Coorgs of Mysore, and the Nayars of Malabar; and has passed over to Ceylon, where it is, perhaps, little else than licensed immorality.

It is highly probable that this immoral custom was brought about originally by that other most unnatural practice of *infanticide*, females only being put to death to avoid the great expense of getting them married, leaving, of course, a large preponderance of males. This crime prevailed largely in Rajpûtâna and other parts until recently, being more difficult to find out and put down than suttee.

On Sangor Island, at the mouth of the Ganges, and other places along the river, mothers, in fulfillment of vows made to the gods, used to throw their infants into the stream, and wait to see the crocodiles devour them, as a proof of their acceptance.

Nothing shows the severity of some of the recent famines so much as the fact that, in some cases, parents killed and ate their children, reminding us of several events in Jewish history.

MAINTENANCE OF RELATIVES.

As in patriarchal times, so often now in India, the father may have not only his own children, but also his grandchildren, and sometimes great-grandchildren, with him, making a very large family. Sometimes it is the case that he continues to claim a good part of their earnings, and they all eat in common; and if half of them are out of employment, or do not care to work, as is often the case, they are maintained at the common expense. Often, also, men and women in similar cases will impose themselves on their brothers, cousins, or other relatives; and thus, notwithstanding their poverty, quite a system of sponging is carried on. It is, however, not always sponging; for the aged, the blind, and invalids are maintained in the same way by their relatives when they have them, thus greatly reducing the number of professional beggars; for it is to their credit that they will often, in such cases, share their last cowry.

DISPOSITION OF THE DEAD.

Under no circumstances do any of the people of India use a vehicle in carrying their dead; and hence they are disposed of near the towns and cities—a practice certainly not conducive to health.

Parsees beg the physician to apprise them promptly when the patient is beyond the hope of recovery, that they may fill the mouth with water, and thus prevent the spirit from leaving in a natural way; at the same time the dog is brought in, and if it lick the face of the departing it is considered a happy omen in refer-

ence to his future welfare. Large numbers, dressed in their white robes, assemble in front of the house, where they sit on benches for a few hours, and then the corpse is borne away by persons employed especially for that purpose, on an iron bier, uncovered, save the linen shroud.

That they may not pollute the earth by burying, they build a tower on an eminence, and from the top expose the body to the weather and the crows, kites, and vultures, which learn to be in waiting, and become most rapacious, speedily doing their work, while the bones drop down through a grating.

Some classes of Hindûs, and especially those who are too poor to purchase the necessary fuel in the large cities, bury their dead in the most simple manner; but usually they are burned. In large cities the cremation ground is inclosed; but in towns and villages it is just outside, under a tree or by a water-course. The ceremony, though admitting of many modifications, is something like the following: A few minutes after life is extinct, the body, with the face uncovered but strewed with flowers and a red powder, is laid upon a simple bier made of bamboo-sticks, and borne at once to the burning-ground. Those accompanying indulge in occasional groans and plaintive sounds, uttered in a most mechanical way, the women going on in advance to await their arrival. A near relative walks in front, bearing burning incense in a small earthen vessel. The pyre is made of wood about four feet long, so that two lengths serve for the length of a grown person, and

one for the width, being placed in alternate layers transversely. The body is placed on the second or third layer, sprinkled with water, the cloth covering removed, and then layers placed over it until there is sufficient to consume it, the interstices being filled with kindling. The nearest male relative then applies the fire, brought in the earthen vessel, to the kindling in several places, and soon it is all in flames. He then takes a small vessel of water, and holding it so the water may escape through a little orifice made for the purpose, compasses the pyre three times, and dashes the vessel to pieces on the ground, at which the attendants set up a wail and go away, all but three or four to finish the ceremony. These poke up the fire with the bamboo-poles of the bier, and when the body is fully consumed, put out the fire and scrape the ashes to one side. In the place where the ashes had been, a vessel of water is set upon three small stones, and one of the men, taking a small stone in his hand, walks backward a few paces, and stooping down, throws the stone between his legs, breaking the vessel to shivers, and letting the water run out. They then set up another wail, and all go off.

Along the Ganges, however, it is customary to float off the half-burned body into the water, to be devoured by the fish, etc.; and formerly they used often to hasten death by filling the patient's mouth with mud after laying him on the bank of the stream. One advantage from burning and exposing is that there is no danger of burying alive, which might be the case often

if done so soon after death is supposed to have taken place. The Mussulmans bury their dead, carrying the corpse to the grave on a light wooden bier covered with cloth. They erect a tomb over it, one, two, or three feet high, of stone and mud neatly whitewashed, sometimes with a slab containing the inscription.

Some classes employ mourning women to wail for the dead, as in Bible lands in ancient times.

SUPERSTITIONS AND SALUTATIONS.

The people of India are very superstitious. In planting mango-trees they must be so far apart that their branches may never touch. Neither the man nor his wife must taste the fruit of the mango-tree until he has married one of the trees to some other kind of tree which grows near by. This is done with great ceremony, many Brahmin priests officiating, the more the better, though all have to be fed. In the same way, plowing, sowing, reaping, house-building, or any other enterprise is begun with certain ceremonies and incantations. Each day has its peculiar duties. Sunday is for building or sowing, Monday for setting out on a journey, Tuesday for making war, Wednesday for collecting debts, Thursday for opening a new shop, Friday for women to pray for lost children, and Saturday for acquiring magic and exciting quarrels.

Receiving exactly three of a number, the howl of a jackal in the day-time, the cry of a lizard, the caw of a crow on the house-top, pronouncing a miser's or

a monkey's name the first thing in the morning, a sneeze and the alighting of a vulture on the top of a house, are all omens of evil. A lizard falling to the right is an omen of good. Should it fall over one's hair, it indicates his early death; on his left foot, the death of a relative; between the feet, the death of a wife; but if it fall directly on the head, he will receive a kingdom, and if on the thigh, he will have a horse to ride upon. To avert the evil portended should it cry three times, all exclaim, "Krishna, krishna!" On one occasion an army stopped short, and returned from a projected expedition, because a cat ran along the left of the leader.

They very generally believe the teaching of their astronomers that eclipses are caused by giant demons or Titans swallowing the sun and moon; the reason assigned for which is, that, when the demons churned the sea for the elixir of life, Vishnu by stealth began to distribute it among the gods, at which a demon drank it up in their presence. This being told Vishnu by the sun and the moon, he cut off the demon's head. The other demons, enraged at this act, attempt now and then to swallow the sun and moon. To prevent this, the people perform ablutions and incantations, and give offerings, repeating everywhere, "Give presents, and the demon will let go." The eclipse is an omen of ill, sometimes to the king and sometimes to the people. Comets, meteors, and whirlwinds are all ill omens.

In some parts they have the idea that the shade

of the tamarind is unwholesome to man and beast, though there is not the least ground for it in fact. It is stoutly affirmed by some that the names of Râm and his wife are supernaturally written on the soft, silvery bark of a certain tree in the north of India. In all parts the belief exists that the sacred peepul-tree is the abode of the gods; so they preserve it with a superstitious reverence. Indeed, so grounded are they in their superstitions that thousands of them sincerely believe that any indignity offered to their gods would be instantly resented in the most awful manner.

It is possible that the Indians, after associating so long with their boorish cousins, have lost somewhat of their lengthy forms of salutation; but still they often take up much time in it, men embracing men, and women embracing women, or at least passing their hands over each other's body from head to foot in a most studied and silent manner, but utterly wanting, apparently, in the gush of Western nations. As other nations in ancient times, they show respect by pulling off the shoes, which they always do on entering a house; but the head they leave covered at all times. To strengthen one's request, he falls to the earth and kisses the feet of his patron. They are very reticent about mentioning the names of their wives, referring to them as their "house," or the mother of their son. To avoid the evil eye, they use such contradictory expressions as "I heard your enemy was sick," for "I heard you were sick;" and sometimes food looked into by another when one is eating is thrown away with the

vessel containing it. If a mother hears her child's beauty praised, she fears the evil eye; not so if praised for its mental attainments.

For particular respect they employ the plural in addressing a person, but carry it also so far as to use the third person plural in speaking of another. Boys are often so polite to men as to not know when to stop their salutations; but many of them are rude to their mothers and other women. They almost universally expect something for the least favor they may do, and are not too modest to ask for it; and it is a very rare thing, indeed, for one to refuse a present of money offered. It is not safe to praise any thing belonging to a Mohammedan in his presence, as he will instantly offer it to you, and then expect something more valuable in return. Their common form of salutation is "ram ram," or the "salâm" of the Mussulmans.

4. VOCATIONS.

CASTE.

It is necessary to consider this subject in this connection; for as society is now constituted caste generally applies merely to the occupation; and the rule is that one can never follow any other vocation than that of his father, nor perform any thing outside of his immediate caste duties. It is in the north and east that this is adhered to so strictly; in other parts both prohibitions are often violated with impunity.

The origin of caste, as the word in Sanskrit signifies, was no doubt color, the Aryans insisting that

their darker neighbors were inferior to them; and it is still true that the higher castes as a rule are fairer than the others, and sometimes they compare favorably in this respect with Europeans. The institutes of Menu divided the whole population into four castes—the Brahmins or priests, who are said to have sprung from the mouth of Brahm; the Kshutrias or soldier class, who sprang from his arms; the Vaisyas or mercantile class, who sprang from his thighs, and the Sudras or servile class, who sprang from his feet. These distinctions are not well preserved now, except that of the Brahmins, of whom there are about twelve millions, belonging to a dozen or so subdivisions. The most painful distinction is that of outcasts, as the Pariahs in Southern India, the Dheds in Guzerât, and the Chandalas in other parts, who are supposed to be the descendants of a conquered race, and who are proscribed by all castes. But so deeply fixed is the principle in society that even these outcasts observe some such distinctions among themselves.

There are now in some parts considered to be sixty castes, in others as many as one hundred and seventy; but these arise largely, as has been said, from conventionalities, such as occupation and relation, each one, in many instances, being confined to a particular locality. However, the sad fact remains that caste is observed to such an extent that many would not touch food over which the shadow of a low-caste person has passed, even to save their lives, and separate wells and pipes are required for high and low castes. Yet, not-

withstanding this, many, even Brahmins, are known to eat beef in secret, and this is winked at by many of their caste fellows, who would not do it themselves. Or, if one is charged with breaking the rules, he can easily get back all right by making a feast for them or performing expiation by drinking the five products of the cow, as some have done who had crossed the "dark water" to visit foreign lands. In some parts caste is so strictly observed that a family, however small, requires a dozen or more servants, the cook refusing to go to market, the groom to mow a little grass, etc.

Of important and influential castes, especially among the natives themselves, it may be said that the Brahmins still maintain their position at the head of the scale, and the government have considered it necessary, on this account, to make many concessions to them. But many of them are extremely ignorant, being too conceited to learn from others, so that the Purbhoos (lords) and some others are contesting the palm with them. Another caste of great influence is the Guzerâti Bunyas (merchants), who, by their commercial enterprise, have become very wealthy. Besides much of the local trade, they have for centuries carried on commerce with Persia, Arabia, and Africa. Allied to them are the Marwarries, who, with them, are the bankers of the country, often lending money at the rate of two or three per cent a month, or even at higher rates.

Among the Mohammedaus are the Borah caste,

supposed to be proselytes from Hinduism, who, besides keeping shops, carry with them from house to house every variety of goods and notions, after the manner of the Irish peddler. Add to these the Parsees, who carry their enterprise still further, even to China and Europe, and you have the great mercantile classes of India, especially Western India, though they are found more or less scattered over the whole country.

AGRICULTURISTS.

India is an agricultural country, and the cultivator caste or castes, constituting two-thirds of the entire population, are the foundation of the social fabric. Their implements are the same as were used two or three thousand years ago,—the plow of a forked tree or just that appearance, and a narrow, straight yoke, with pins and neck-bands instead of bows; the cultivator not unlike a wooden hay-rake, sometimes two being drawn by one yoke of cattle, though each held by a man. Their cart is not very unlike a dray, with frame of rough wood or wicker-work, lined with gunny to carry grain, and having low solid wheels. Their fields, which in America would be called patches on account of their smallness, are either unprotected or hedged about, or, in the case of rice, surrounded with a ridge of earth to hold the water. Even more than elsewhere, he must have every thing in readiness when the rain comes. In lieu of manure, which is used for other purposes, they give their ground a dressing of ashes from leaves and sprigs or grass burned on it.

The early crops—as rice, bajri, jowari, etc.—must be put in as soon as the ground will admit, the rice requiring to be transplanted, which may be done in a foot of water. The late crops—as wheat, pulse, barley, etc.—are sown about the end of the monsoon. To protect the grain, as it ripens, from birds and beasts, a man or boy sits on a scaffold in the center of the field, armed with sling and stones, which, with his voice, are generally successful. These scaffolds after harvest are the picture of desolation—“a lodge in a garden of cucumbers.” All the grain is cut with a short sickle, the early harvest in October or November, the latter about January or February. Wheat is trodden out by oxen, unmuzzled. It is winnowed by being thrown up with a scoop before the breeze; the grain is garnered, but the chaff the wind driveth away.

Where the rain is very slight, or where vegetables and fruit are wanted in the dry season, recourse must be had to irrigation. Large wells are dug where no other water is procurable, and the water drawn up in a large leathern bucket by oxen down an inclined plane. To facilitate matters, they do not turn the oxen round, but lead them up backwards to receive a new draft. The water is conducted among the grain, vegetables, or trees by trenches, opened and shut as required.

WORKERS IN WOOD.

While the character of work done by this class of mechanics may compare not unfavorably with similar

work of other countries, yet the manner in which it is done and the tools employed are deserving of notice. Such a thing as a work-bench is practically unknown, every thing being done on the ground as far as possible, the workmen in a sitting posture. Lumber is sawed by being placed on a platform, one man standing above and one below, after the manner of the old whip-saw; or the stick is placed in a leaning position, so that one man stands on the ground and the other sits on a small trestle of two legs, exchanged for a shorter one as the saw descends, the feet being supported by the stick. In this case a frame saw is used. The cross-cut saw for cutting small logs is semi-circular, the men sitting while sawing. Hand-saws are made to cut in drawing toward the workman instead of from him. If an English saw is employed, a handle on the other end is added that two men may use it. In the same way two men handle the jack-plane, one pushing, the other pulling. The auger is a bit, with pulley, around which a cord, fastened to the two ends of a rod about three feet long, is made to revolve back and forth, one hand holding the bit above the pulley, the other the rod. For greater speed, or where the space is too small for the rod, another pulls the string. If large holes are required, they must be made with the chisel or English auger. The turning lathe works by a string, like the auger, or a band is made to revolve by a treadle or by a crank turned by hand. The adze is used largely, but no drawing-knife. The ax is a most clumsy affair, with which a Canadian

chopper would split his shins the first blow. As houses are not made of wood, there is not the same demand for carpenter-work as elsewhere, and they do not excel in that; but some Parsee families excel in ship-building, coopers' work, picture-frames, and fancy-work in sandal-wood, ebony, etc. Many curious designs, toys, ornaments, etc., are turned in the lathe. Some parts, as Bombay, are noted for their furniture, with handsome carving and filigree-work. Wagon-makers do substantial but not elegant work. Bamboo is manufactured into a great variety of articles, as baskets, chairs, tea-pots, window-shades, lattice-work, etc. In the large cities Chinese make baskets, chairs, etc., of cane, which is also used largely in cots. For a tool-chest the workman generally uses a small bag, which he slings over his shoulder as he goes.

MASONS AND SCULPTORS.

Of course, there is a great demand for masons to work on houses, bridges, fences, mill-stones, curry-stones, idols, etc., much of which work is very plain, but some requiring considerable skill. It is carried on much as in other countries, the sitting posture required for dressing stone suiting the Indian admirably. They do not show any very marked aptitude for sculpture, their statuary generally having little claim as a work of art; but in some places beautiful specimens of inlaid work in marble are seen, and many curious designs are wrought in soap-stone and other soft kinds of stone. Occasionally troughs, mortars, and small vessels are

cut out of the Amygdaloidal trap, which is so common. In the large cities lapidaries may be seen grinding and polishing the precious stones, but most generally confining themselves to imitations made of glass of various colors.

POTTERS.

The potter's wheel lies nearly horizontal on a pivot, on which it is turned by a stick, pressed upon it until it attains considerable impetus. The mud is placed on the center, and drawn out by the hands of the potter into whatever shape is desired. The vessels are then dried in the sun, and afterward baked in a furnace so hard as to answer even for cooking purposes. Tiles are made in the same way, first molded into a cylindrical form nearly a foot long, one end smaller than the other, and then divided by a string or wire, cutting lengthwise. They are placed on the roof, one layer concave side up, and another convex over the joints of the first. Country bricks are not of good size or quality as a rule, but answer for "cutcha" work.

At Cawnpore, Lucknow, and elsewhere, beautiful brackets, models, statuettes, and other ornaments are made from the clay found there. Poona has long been noted for its clay figures, illustrating the different castes, customs, etc., of India, and which by way of eminence are called "Poona figures." They are certainly very fine, and serve their purpose well, many being packed and sent to friends across the sea at moderate expense.

SMITHS.

The implements used by this class of artisans are much the same as elsewhere—anvils, vises, bellows, drills, pincers, etc. The anvil is placed on the ground, and, that the striker with the sledge may work to advantage, he stands in a pit one or two feet deep. A very primitive kind of bellows for light work is made of a goat-skin, the entrance for the air being opened and shut by the hand. Jewelers use a tube of metal or bamboo for blowing their fire. The coal used is charcoal manufactured in the country.

Blacksmiths have little to do except iron wagons, make hinges, spikes, picks, etc. Oxen traveling on the stone roads require to be shod, two pieces of iron on each foot, nailed on after the ox is thrown down on his side and his feet tied together. Water-pails and some other vessels are manufactured from sheet-iron. Copper vessels are made by beating the metal into the required shape, and this work constitutes quite a business in the cities. Delhi, Benâres, and Rangoon are noted for the elegance of their brass-work. Tanners are generally of the Borah caste, and have little to do but to tin copper cooking utensils once a month to keep them free from verdigris, and also to put glass in windows, etc., they being glaziers as well.

So many ornaments and jewels being worn by the people give quite a work for gold and silver smiths in all parts of the country. The people of Sindh and Cutch excel in embossed work, and have introduced it into Bombay and other parts.

WORKERS IN LEATHER.

Leather of a substantial quality is tanned in India wherever there is a large beef or mutton market, giving employment to a number of people. As yet they have not aspired to the finer qualities of leather, getting them from abroad when required.

Shoemakers, like other workmen, worship their tools before beginning the day's labor. Twenty or thirty of them will work together in two or three small rooms, and thus turn out quite a quantity of plain country work, not very inferior to that of cobblers in other countries. No attempt at fine work is made unless under European or Chinese supervision. Slippers are made from cloth and sambur leather, carpet, and sometimes goat-skins tanned with the hair on.

Skins are tanned and sewed up for carrying water, but not for wine, as in the Savior's time, when there were no glass bottles. There is not much demand for saddles and harness amongst natives, but something is done in that line. One of the most important leather industries is the manufacture of large vessels for holding the clarified butter used for cooking purposes, which is stored away in them, and sometimes transported quite a distance. It is truly wonderful how neat and shapely they are made, resembling immense flasks.

WEAVERS AND TAILORS.

Time was when India excelled in the manufacture of muslins, shawls, etc.; but the introduction of spinning and weaving mills has greatly reduced the number

engaged in this trade. Still, articles of native wearing apparel, especially that of women, are woven by the hand, as well as silks and some other goods.

The spinning-wheel, distaff, reel, and loom are all of the most primitive construction, yet manifesting considerable ingenuity in their makers. In this branch, especially in spinning, a great deal is done by women. Fullers and dyers constitute a separate class of people. Calico-printing is rude, but nevertheless ingeniously done.

The tailor is almost the only workman besides the mason, who seems to be in his natural place on his haunches, cross-legged, and using his toes as a third hand, in which he is imitated by other classes of workmen.

SHOPKEEPERS.

The shops—or stores, as they would be called in America—are a curiosity. Some, of course, are large and fine, but even they are generally without counters. For the most part, they are very small, and situated not the most conveniently for genteel folks. If one can get a niche somewhere large enough to hold his wares, and himself squatted down in the midst, he feels justified in setting up business. Actually some of these shops are not four feet square, and not high enough sometimes for a person to stand upright in. There are shops for dry goods, shops for clothing, shops for hardware, shops for groceries, shops for sweetmeats, shops for grain, shops for notions, shops for every thing. Stands for fruits, vegetables, nuts,

notions, etc., are now and then stumbled across on the roadside; and men and women carry these articles around to the very doors.

PROFESSIONS.

The learned professions have not been largely represented among the natives of India, if we except the Brahmins, who are priests by caste, though some of them even have been soldiers, teachers, clerks, and ministers of state. A clerkship in a government office is now about the highest ambition of the average educated native, even though the salary to begin on is scarcely more than that of an artisan—sometimes, indeed, not so much.

Questions of law in ancient times were not decided so much in court as by the priests, obviating the necessity of lawyers. Now native pleaders and barristers have quite a field for the display of their talents, and vie with their European brethren in that practice, some of them becoming judges even, and a few having competed successfully for the Indian civil service since it was opened to them.

The practice of medicine in ancient times consisted largely in certain strange decoctions and applications, used with incantations and sorcery. However, some of the simple remedies of the people are found to be effective oftentimes, even when others fail. As will be seen from the imperfect enumeration of drugs in another chapter, there is no lack, either in quantity or variety, of material for an Indian pharmacopœia.

Recently, as in other things, medicine is more a study, and the native doctor often has a practice extending even beyond his countrymen, and here and there one is found in the Indian Medical Department.

MISCELLANEOUS.

Two hundred thousand of the men of various castes and creeds are soldiers, either in the British army or in the service of native princes, many of whom have proved themselves brave and reliable. Hardly the same can be said of the similar number in the police, who can not be trusted with arms, and just when wanted are often conspicuous by their absence. They are easily bribed, and to suit their purposes often extort a confession of guilt by torture. Butchers in most places are Mohammedans, and, if convenient, will not object to a sacred cow made fat by the offerings of the Hindûs. The barber is known by his leather pouch containing razors, mug, scissors, comb, and glass, and will crop your hair or shave you so gently and smoothly as to put you to sleep in the operation, or, if already asleep, not to wake you. Coolies are day laborers, and carry burdens often of great weight, and also for long distances, on their heads. They also are the navvies, and make roads, railways, canals, tanks, wells, etc. Many women, too, find employment in this kind of work, as well as in some others mentioned, but the distinctively woman's work is that of the ayah, attending to children. Bearers do the more refined carrying, as palanquins, pianos, and children. Cooks

are largely Goannese and Madrâssees, though some are Mohammedans and some other low-caste Hindûs. Bakeries, too, are established in all large places, mostly by Goannese, or Portuguese, as they are styled, affording excellent bread and pastry. Sweetmeat-makers roll in butter, sugar, milk, etc., and a look at them at work is not always a recommendation to their wares. A particular caste of people carry water, either in a single skin on their shoulder or in two skins, one on each side of an ox. Milkmen and women bring the cow or buffalo to your door to assure you that the milk has escaped the morning bath. Washermen and women count every article of clothing they receive and return, to satisfy you that nothing is stolen. The clothes are beaten upon stones at the water-side, and woe to the buttons unless they are made of cloth. Sweepers keep the roads clean, as also the bath-rooms. The postman will carry the mails at a trot, being relieved after about five miles. Guides are ready to tell you just where game is to be found. In view of the absence of fences, cattle of all kinds must have keepers. Sheep and goats feed together, but are separated for the market and slaughter. Gardeners are sometimes well skilled in their business, and there were some good examples of landscape gardening before the advent of Europeans. Coachmen are slow and sure, but hardly dare to emulate their fast Western masters. Pundits teach Sanskrit and languages derived from it, and Moonshes, Persian, and Urdû. Teachers sit with cane in hand, listening to the repetition of lessons sung

in concert, every thing learned by rote. Public readers charm their hearers by chanting their pieces, their bodies swinging regularly back and forth as they sit cross-legged on the ground. Snake-charmers, monkey-men, and fortune-tellers ply their trade diligently for their stomach's sake, as also mendicant priests of various castes and orders, in quaint, fantastic dress, and with the inevitable shell to contain the alms, if only a handful of grain. At various times they have become so numerous and daring as to form themselves into an army to fight against their conquerors. Notwithstanding the readiness generally to maintain relatives, there are still numbers of professional beggars to be found in many places.

So, out of all the millions of India, not many are without some employment, generally legitimate, and, perhaps, as a rule they labor about as hard as they are able, with the amount and kind of food they get. And they can not afford better living on their present income, which may be roughly estimated, leaving out merchants and professional men, at from twenty-five to two hundred and fifty rupees per annum, according to the particular district and grade of work. This, too, while breadstuffs and other means of support are as dear as in corresponding parts of America. Yet the people are generally cheerful and sing at their work, partly on the principle of their fatalistic philosophy, but more so because they know not a better way of getting on. They do not, however, preserve a stoical indifference in the matter of support, but often

use the argument *ad hominem* by reminding their employers that they have a stomach, as also their wives and children. Their saying is, "Hit me on the pâth [back], and not on the pêt [stomach]."

5. ENLIGHTENMENT AND CIVILIZATION.

India is the most enlightened of all the countries of the East, and has the oldest civilization in the world, older even than Greece and many nations that have long since ceased to exist, however much she may have degenerated.

LANGUAGES.

These belong to three great classes—Sanskritic, Dravidian, and Burmese. The Sanskritic includes Hindûstâni, with its two branches, the Hindi and Urdu spoken by about one hundred millions of people, mostly in Northern and Central India; the Bengâli, spoken by about forty-two millions; Uriya, by about six millions; Assamese, by about two millions; Marâthi, by about fifteen millions; Guzerâti, by about seven millions; and Punjâbi, by about twelve millions. To these should be added Pûshtu, Kashmiri, and Nepâli, spoken by a smaller number, and making in all about one hundred and ninety millions who speak languages derived from the Sanskrit. The Urdû (camp) language is spoken by Mussulmans, who took the grammar and common words of the Hindi, and foisted upon them a large number of Persian and Arabic words.

The second great class, Dravidian, is spoken by the

people of Scythian origin, including the Tamil, spoken by about sixteen millions; the Malayalin, spoken by about three millions; the Canarese, by about ten millions; the Telugu, by about eighteen millions; and the Gondi, by about two millions,—making about forty-nine millions who speak Dravidian languages.

The Burmese is spoken by about eleven millions in Burmah and along the border. Like the Chinese, with which it is allied, it is monosyllabic.

Under these nineteen principal languages are included a large number of dialects, all which add to the difficulty of communicating with the people; these being all so different from Western languages, it is no mean task for Europeans to acquire them so as to use them fluently. The words being so foreign from what one has been used to, he derives but little advantage from his knowledge of the classics or other European languages, save that the more one knows of languages in general the easier it is to learn them. After all, however, as education advances, English is becoming more and more a means of communication in all parts of the country.

LITERATURE.

The hill tribes have no written language only as they are now being reduced to writing by missionaries and others; and, hence, they have no literature. The seven principal Sanskritic and the four principal Dravidian languages are spoken by cultivated people, and have a literature of their own, consisting of poetry and philosophical and religious works. But the classical

languages and repository of Indian literature are the Sanskrit and Persian, especially the former.

The great epic poets of India were, Valmiki, the reputed author of the Râmâyan, the hero of which was Râm, the king of Ayodhya, who is represented as waging war against Râwan, king of Ceylon, to recover his wife Sita, who had been stolen by him; and Vyâsa, the compiler of the Mahâbhârat, in which the hero, Krishna, king of Guzerat, allies himself with the Pandûs in their contest with the Kûrûs, all descendants of Bhârat. Another famous poet was Kâlidâs, who wrote dramas of rare excellence.

Besides poetry, there are a number of books on grammar, music, astronomy, arithmetic, architecture, medicine, and law. Of the latter, the most noted work is the code of Menu, consisting of twelve books treating of Creation, Education, Marriage, Means of Subsistence, Diet, Asceticism, Government, Judicature, Commerce, Caste, Penance, and Transmigration.

Of works in Persian, there are an ancient history of India up to the European conquest, a history of Akbar, and a history of the Padishahs.

The sacred books of the people are all in dead and foreign languages; those of the Hindûs in Sanskrit, Buddhists in Pâli, Parsees in Zend, and Mussulmans in Arabic; and just as those of the Jews in Hebrew and the Romanists in Latin, all the prayers and worship are required to be conducted in these languages, though understood by almost none—oftentimes not even by the priests.

LEARNING.

In remote times learning was confined almost exclusively to the Brahmins, even kings considering it beneath them to learn to read. However, some of the best of them encouraged learning, not only Moham-medans, but also some ancient Hindu rulers. On account of this position of the Brahmins in reference to learning, as in some other respects, they often had great influence over the rulers, being sometimes practically rulers themselves.

Besides the scientific study of grammar and some other subjects in very ancient times, the Hindûs possessed a knowledge of astronomy older than that of any other nation. Even as far back as the twelfth or thirteenth century before Christ they had calculated the length of the year at three hundred and sixty-five days, and certainly as far back as the fourth or fifth century of the Christian era the diurnal revolution of the earth on its axis was affirmed, and the knowledge of the true causes of lunar and solar eclipses was possessed by Indian astronomers.

It was philosophy, however, that afforded the widest field for the speculative mind of the Hindu. Of the six distinct systems or schools of philosophy (three of which were atheistic), that which has exerted the most influence is the Vedant. That it is openly pantheistic may be seen from the professed attempt to prove that the universe emanates in successive developments from the Supreme Spirit, with which the human soul is therefore identical, and its apparent separate existence

arises from its ignorance of its relation to the Supreme, and when this ignorance is overcome, its final liberation from transmigration will take place, and it will again be absorbed into the Supreme.

The minds of the people, being so absorbed with these speculative subjects, found no time for practical philosophy, and thus they made little advance in the sciences for thousands of years. Even the practical life of the Mohammedan invaders failed to arouse them, though certainly some advance in civilization was made under the reigns of the Great Moguls, who encouraged both Persian and Sanskrit learning.

CALCULATION OF TIME.

As some illustration of the enlightenment and civilization of the various peoples of India, it may serve to notice the different calculations of time.

In two things they all agree together,—the lunar month and the week of seven days. Like the Jews, the Hindûs and Parsees insert the intercalary month every three years, which the Mohammedans not doing, their New Year may begin any time in the solar year, and a year is gained about every thirty-two years, which must be taken into account in considering their reckoning, which is from the flight of Mohammed to Medina, in 622 A. D. Thus, though this is only the 1260th solar year from that time, yet they call it the 1299th.

In Northern and Central India the Hindûs date from the reign of Vicramarca, 56 B. C., while in

Southern India the era from which they date is the epoch of Salivahan, 77-78 A. D.

Of the Parsee era this is the 1251st year, in which the two sects agree, but differ one month as to the beginning of the year, and so of all the feasts of the year.

In Hindu mythology the days of the week are sacred to gods corresponding to those of our heathen ancestors—conclusive evidence of a common origin. The days and nights are each divided into four watches. The hour is only twenty-four minutes of our time; but it is divided into sixty parts.

But with the exception of the regulation of their festivals, which come mostly at the new and full moons, their modes of calculation are not much used. Not only in all legal and official documents, but also in their correspondence with one another, the Christian mode is usually employed, which may be considered as a foreshadowing of the time when Christ shall, indeed and in truth, be confessed by all the land and all the earth.

As to the influence of India on Western nations in ancient times, the many words in their languages derived from the Sanskrit are in evidence; as to the same in modern times, the fewness of the words derived from Indian languages is in point, and they can almost be counted on one's finger's ends; such as calico, toddy, punch, gunny, and shampoo.

6. ANTIQUITIES AND ARCHITECTURE.

The archæology of this very ancient land is most interesting.

RUINS AND REMAINS.

Of ruins of very remote times specimens may be seen near Fyzabad, where was Ayodhya the capital of the ancient kingdom of Oudh, supposed to be three thousand two hundred years old, and having in it the two forts of Râm and Hanuman. Another of similar character was Ujein in Central India, the capital of the ancient kingdom of Mâlwa. At Gûlburga and Bijapur are the remains of two Mohammedan capitals, and at Mûrshedabad those of the last Moslem capital in Bengâl. At Delhi are the ruins of the old capitol, now the haunt of the fox and jackal, the city having been moved several times to suit the caprice of successive monarchs. In addition to these, however, there are the old walls of the present city with its massive gates, the principal being the Cashmere, the Lahore, the Kâbûl, the Moon, the Ajmere, and the Calcutta gates. Similar to these are the remains of the walls and forts at Lahore, Agra, Allahabad (city of God), Ahmedabad (city of Ahmed, having been built by Ahmed Shah in the fourteenth century), and Ahmednugger (town of Ahmed), some of which are still in a good state of preservation.

Of Marâthâ hill forts good specimens, showing their great strength, are Singurh, Pûrundhur, and Châkan near Poona, and Logurh and Isapûr near Lanowlee;

other hill forts being Chittore and Gâwilgurh in Central India, and some in other parts.

Of Portuguese forts and their strength the remains at Bassein, Tamra, and Bombay are good specimens.

Besides these a large number of the towns and villages in the country show remains of walls and forts of different material and powers of resistance, some of mud, some of brick, and some of stone, with gates large and strong, having usually long iron spikes projecting from them to prevent being battered down by war elephants, and generally surmounted by a watch-tower. Many cities now in existence are built upon and out of the ruins of previous cities, and the sites of some ancient cities can not now be determined.

PALACES.

At Futtehpore Sikri, near Agra, was the royal residence of Akbar, and now are to be seen there the remains of the royal palace, though at present surrounded by a mass of ruins. At Lahore is the "House of Joy" of Shahjehanpore and the royal palace of Runjeet Singh in ruins. At Delhi, though many of the magnificent buildings have been destroyed since the great mutiny, yet there are still the Royal Baths and Hall of Audience (now used as a canteen). At Lucknow are the Palace Dilkhûsh (heart expanding), the great Imâmbârâ or festive hall, built a century ago as famine relief works at a cost of one hundred millions of rupees. Huseinabad or Palace of Lights, the Chutter Munzil (Umbrella Hall), Motce Mahâl (Pearl

Palace), Khurshid Munzil and the Residency, where the marks of shot and shell are left intact. At Hyderabad, in the Deccan, besides the two palaces of the prime minister, are the Baradari, Janûma, and Serûnugger. Among the many ruins at Bijapûr are the Happy Palace, Sweeper's Palace, Washerman's Palace, and Palace of Prayer, the Gold Palace having been burned.

Besides these Moslem remains there are at Deesa the ruins of the Rûdra Mâla, the royal palace of the ancient kings of Guzerat. In sight of Jubbulpore is the Muddun Mahâl, a house built on a large elevated bowlder by a Goud king nearly four hundred years ago. At Jeypore is the Dewâni Khâs (Hall of Audience), of white marble, and the ancient observatory, well preserved, but unused. At Satâra is the Julmudir (water pavilion), nearly encircled by a tank, having the walls of one room completely covered with mirrors, so as almost to bewilder the visitor. As a rule, however, the palaces of native princes are not pretentious, and some of them are exceedingly shabby.

In connection with many of these remains are some lovely gardens.

TEMPLES.

In considering heathen temples one must banish from his mind the idea of large assembly rooms for listening to addresses. There is no such thing as public worship in them, each one going through the ceremonies for himself. In front of the temple is often a good-sized room for the priests to lounge in, but usually

the temple itself is only large enough in the interior to contain the idol and admit of the worshiper's walking around it, and often the temple contains only a niche for the idol, priest and worshiper both standing without. As a rule, temples are built along water-courses or on the edges of tanks. There are several thousands on the banks of the Ganges, dedicated to the god of the stream. When we speak of the magnificence of Hindu temples it refers only to the outside, and even that in most cases is not imposing. There are, however, some notable exceptions in Northern India, as the Great Durga temple and the Golden temples of Bisheshwar and Baironath at Benâres, the city of five thousand temples and shrines. At Nassick, the Benâres of Western India, where Râm is said in the Râm-âyan to have retreated during his exile, is a temple dedicated to him, of unusual splendor. Pârvati, situated on a hill overlooking Poona, which is ascended by a very long flight of steps, once contained an idol of gold with eyes of diamonds, which, having been plundered, has been replaced by one of the goddess made of silver.

The pagodas of Southern India are more imposing, the finest example being at Tanjore, of fourteen stories, or about two hundred feet in height, and eighty-two feet square at the base. Seringham, near Trichinopoly, contains the largest temple in India. But that which has affected the world abroad most is Juggernâth (lord but from the many self-immolations of worshipers of the world), in Orissa, not from its magnificence,

under the wheels on which the idol is carried about. The grandest Bûddhist temple is at Rangoon, the Golden Dagon, a mass of solid masonry tapering from an octagonal base of one thousand three hundred and fifty-five feet to a small spire surmounted by the sacred umbrella of open iron work. It is said to have been commenced two thousand three hundred years ago.

The Jains have noted temples at Politana, and also at Mount Abû, in Rajpûtâna.

The great Sikh temple, called the Golden Temple, is at Amritsûr.

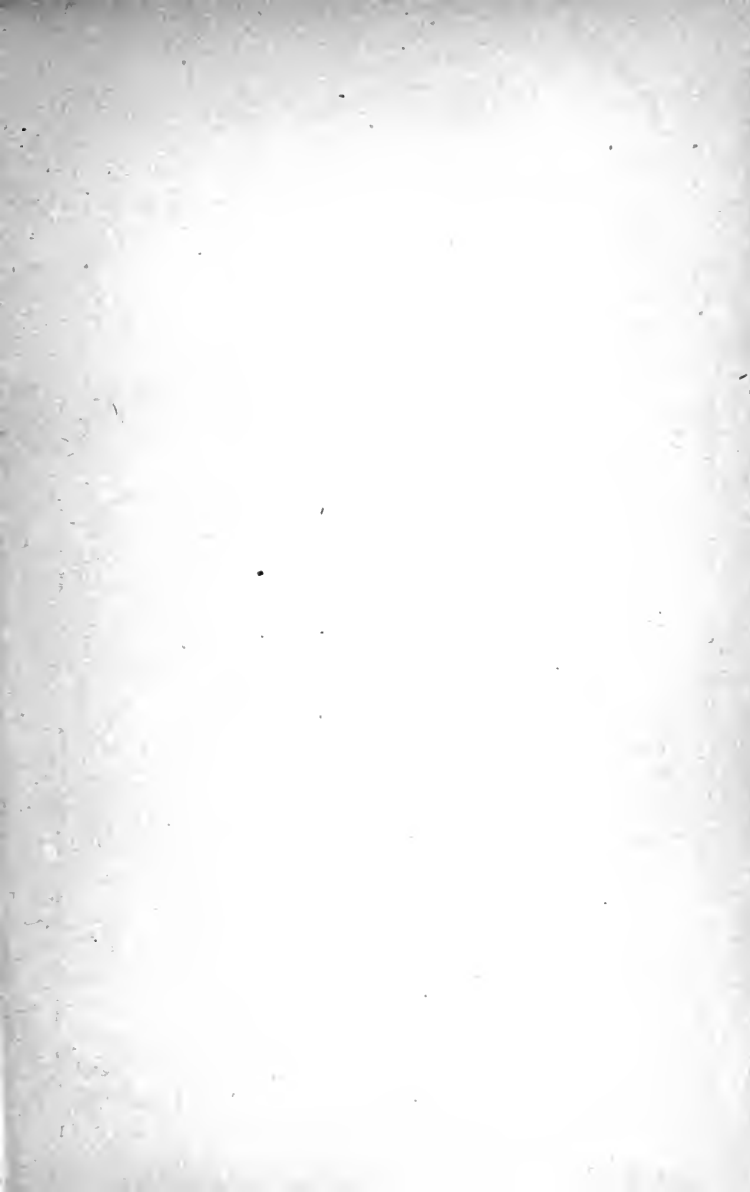
Of the many Mahommedan mosques—which are of the Saracenic order of architecture—may be mentioned the Jumma Musjids (cathedral mosques) at Agra, Delhi, Ahmedabad and Bijapûr, the Great Padshah, Sonora, and Wuzeer Khan's Mosques at Lahore, the Pearl and Black Mosques at Delhi, Arungzib's Mosque at Benâres, the Mecca Mosques at Hyderabad and Bijapûr, and the Glass Musjid and Shah's Mosque at Ahmedabad, the latter now in ruins.

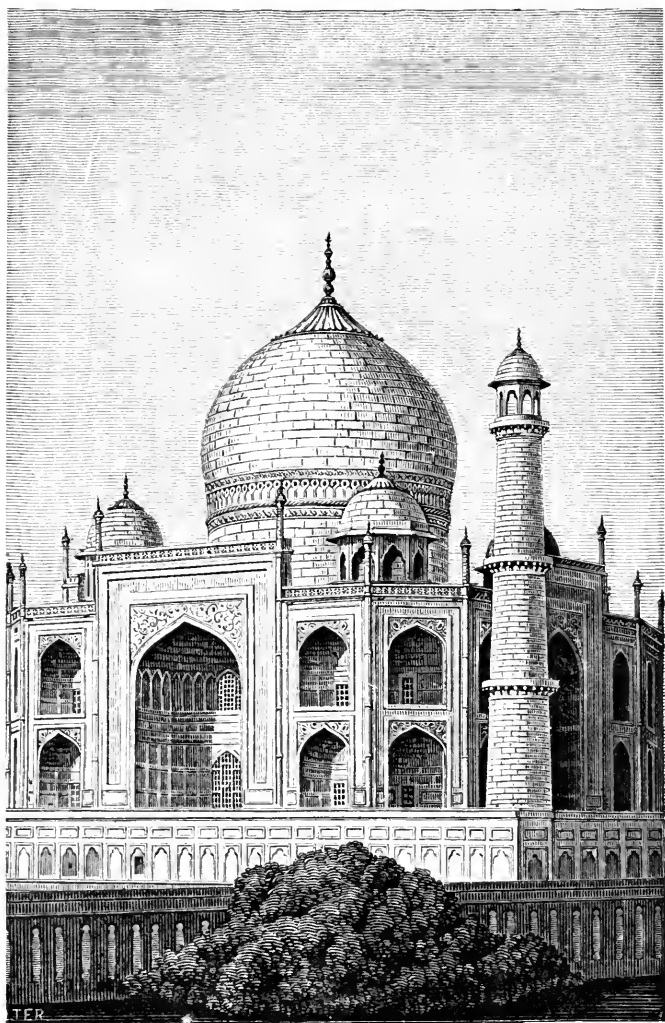
CAVE TEMPLES.

One of the striking features of India is the cave temples cut in the solid rock, consisting of forty or fifty different groups, and each group containing from ten to one hundred distinct excavations, the most of them being in the Bombay Presidency, where the trap-rock is easily worked. One of the most noted and best preserved, because the rock is harder, is Elephanta, in an island of that name in Bombay Harbor.

It is Brahminical, and contains numerous immense images of Hindoo gods, many of which have been sadly defaced by some reckless persons, said by some to have been the Mahommedans, and by others the Portuguese. The main apartment is about one hundred and thirty feet square, and is called the Ling Chapel, and contains in the back part a three-faced bust nineteen feet high, representing the Hindu triad, Brahmâ, Vishnu, and Shiv. In a small compartment to the right of the chapel is the image representing Shiv as half male and half female, and in another, on the left, Shiv and Pârvati are represented by huge images, he nineteen feet high and she twelve feet four inches, and a little further to the left is represented their marriage, and on the right again the occasion of the birth of their son Gunesh or Gunputty. In a sixth compartment is represented Râwan, the demon of Ceylon, attempting to remove Kailas, the heavenly hill of Shiv, to his own kingdom. In another small compartment is represented the destruction of Daksha's sacrifice; in another Shiv appears in his terrific form of Bhairav, and in another he is represented as an ascetic.

However, the great part of these rock-cut temples are of Bûddhist origin, and some groups were doubtless monasteries, as Kennery in Salsette Island, where there are nearly one hundred cells, each one cut out of the rock, with a place left for sleeping, and a cistern in front. Chunnar Lena and Panda Lena are near Nassick, Karlee, Bâjah, and Bissa, in the Western Ghâts near Lanowlee, Ajunta, Ellora, and Junnar in





THE TAJ MAHAL.

the Deccan, and Bâdâmi in the Southern Marâtha country. The largest and finest of these, as also the one best preserved, is the Great Cave of Karlee. The whole length, including the antechamber, is one hundred and twenty-six feet, the width forty-seven, and the height in the center can not be much less than the width. The circular or oval roof rests upon forty-one pillars, with base, shaft, and capital richly carved, all standing in a row around the nave, leaving aisles on each side of ten feet in width. In front is a pillar with four lions carved in its capital, back to back. Three colossal elephants project from the wall at the side of the entrance, but no idols are to be seen, not even the image of Bûddh. Besides the great temple are several small cells for priests. This and the other cave temples are supposed to date back as far as the time of Christ.

TOMBS AND MONUMENTS.

At the head of these, not only in India, but the world over, must stand the far-famed Tâj Mahâl (crown palace), at Agra, the mausoleum of Shahjehan and his favorite wife, Mumtaj Mahâl, built at a cost of nearly twenty millions of rupees by twenty thousand workmen, laboring at it for nearly twenty years, and thought to be the most beautiful structure on the earth.

At Agra is also the tomb of Edmad-u-Dowla, and a few miles away, at Futtapore Sikri, those of the poet Sheik Selim and the Emperor Akbar, all wonderful, but far inferior to the Tâj.

At Arungabad is an imitation of the Tâj on a smaller scale, built by Arungzib for his daughter. Near Ahmednugger is Sâlabat Khân's tomb, built on a considerable eminence, rendering it visible for many miles over the plain.

At Delhi are the tombs of the poet Khusro and the Emperor Hunrâyun, and eleven miles distant the Kûtub Minar, built in honor of Kûtub Din, the first of the slave kings, said to be the grandest pillar in the world. It is two hundred and forty feet high and thirty-five feet at the base, diminishing to about ten at the top, ascended by a continuous stair-case of three hundred and seventy-eight steps. At Hyderabad is the Char Minar (four towers), and near by the tombs of the kings of Golconda. At Gûlburga the tombs lift their white domes above the ruins for many miles around, and the same may be said of Bijapûr and Ahmedabad.

Chapter III.

RELIGIONS OF INDIA.

1. DEMONOLATRY.

UNLIKE the success met with among their immediate predecessors, the Scythians of Southern India, the Brahmins, with slight exceptions, failed to incorporate the various hill tribes into the Hindu religion, though some of them have adopted a few of their gods. The religion of these rude people continues in the main as it was ages ago—demonolatry. They have no idols, but worship evil spirits, which are supposed to reside among the trees and by the streams and fountains, and to have great, if not absolute, control over the destinies of men. It is a most abominable system, though, perhaps, not much worse than some others. All the motive it gives to worship is fear, and the only god to worship is one who is bent on their destruction. It is in this way that some of them have adopted Shiv, the Destroyer, and the murderous goddess Kâli, from the Hindu pantheon.

PERFORMANCES.

As long as all goes well they have no occasion for worship; but to avert an impending calamity, as when one is very ill, they send for the demon priests, who go fantastically dressed, often in companies, enter the

house with dancing and jumping, and go through ceremonies and incantations, which are supposed to drive away the devil that is endeavoring to take away the life of the patient. These priests are cunning enough, and sometimes pretend to go through the burial ceremony, thinking thereby to deceive the demon, and get him to leave the place, on the ground that the patient is gone. Like all other heathen priests, they contrive to get their money for their work. It is that which holds the entire fabric together. Similar performances and ceremonies are gone through when famine, flood, or other calamity is threatened. They also offer bloody sacrifices.

HUMAN SACRIFICES.

Until prohibited by government, the Khonds in Orissa offered human sacrifices, not, however, from their own people, but, like some of the African tribes, prisoners taken in war—in lieu of them, children kidnaped for the purpose from neighboring tribes. There are persons now living who, as children, were rescued from their cruel hands when about to be offered.

When the fort of Chittledroog was taken from the Coorgs a century ago, two thousand human heads were found piled up before the horrid image of Kâli. In this case they were the heads of the enemy, killed or taken prisoners in the siege, under the idea that as long as the cruel goddess was thus propitiated, the place could not be taken.

Demon worship, however, is not confined exclusively to the hill tribes, but still exists among the

Shanors in Tinnevely and other parts near Ceylon, whither it finally betook itself, and where it prevails to this day nearly as much as Bûddhism.

2. HINDUISM.

This system, as being the product of Brahmins, is not inappropriately called Brahminism. But for them it could not long maintain itself as it does.

ORIGIN OF THE GODS.

Like other forms of idolatry, there is no doubt that the ancestors of the Hindûs originally derived their gods from the elements. Struck with awe at the power of fire in the sun and lightning, they worshiped it as Agni. The bright sky they called Indra; the winds, Marûts; the sun itself, Sûrya; the dawn, Ushas,—and bowed down in reverence to them. And thus the number increased, degenerating into deified men and animals, until there were thirty-three principal deities, besides many of lesser note. But the fancy, once excited, knew no bounds, and to these figures ciphers were annexed one after another, until there were seven, and so now they claim thirty-three crores (three hundred and thirty millions) of gods, or nearly two to every Hindu living, though no one would pretend to name the thousandth part of them. Still it can not be successfully denied that they are polytheists, having gods many and lords many.

SACRED BOOKS.

The Hindu sacred books consist of the four Vêds, the six Shâstras or philosophical works, and the eighteen Pûrans, works voluminous enough to occupy a good part of one's life simply to read over, even supposing he were acquainted with the language (Sanskrit) to begin with. Hindûs claim that the Vêds come from the mouth of Brahm, the Supreme Spirit. The best evidence that can be adduced assigns them to about 1000 B. C., or not earlier, at any rate, than 1200 B. C. They were collected by Rishis, or ancient saints. All the Pûrans have been written within the last thousand years, one of them, the Brahm Pûran, extolling the temple of Juggernâth, which was built not more than five or six centuries ago.

The difference in the teachings of the Vêds and Pûrans is almost as great as the difference in their ages. The latter say that Vishnu (Preserver), Brahmâ (Creator), and Shiv (Destroyer) were produced from the three virtues of Brahm (the Supreme Spirit)—goodness, passion, and darkness. All men and all things are emanations from the Supreme and parts of him, and so they worship every thing. This also assists in solving the mystery of so many gods in the Hindu pantheon. The gods of the Vêds are far different from those of the Pûrans, Brahmâ and Shiv not being found in them at all, while the Supreme appears under the name of Sôm (moon-plant), a plant producing an intoxicating liquor, in the extolling of which the oldest Vêd is largely taken up. Vishnu in the Vêds is repre-

sented as the younger brother of Indra, and far inferior to him. They give no support to idolatry, but speak of the worship of the sky, moon, certain stars, fire, water, and the eight points of the compass.

The Vêds consist each of two distinct divisions, the one a collection of hymns, the other commands and explanations, to which at a later date has been added a third division, containing teachings of a doctrinal and philosophical nature. It is only recently that they have been translated into the modern languages.

INCARNATIONS.

Vishnu, the second person of the Hindu triad, is represented as descending to the earth on various occasions in the form of man or some of the lower animals, not, however, of his own accord, but because so condemned by a curse. These incarnations are in some of the Hindu books reckoned as many as twenty-two or twenty-four, but most generally as ten. First he came in the form of a fish, which, after forewarning Menu of the coming flood, guided the vessel containing him and the seven Rishis, with plants and animals, by its horn, ten thousand miles long, to which the ark was attached by Vishnu's serpent. He next came as a tortoise, on which was supported the mountain of the gods, while they churned the sea for the beverage of immortality, by which to restore their impaired powers.

Again he appeared as a boar, to slay Hiranyâksh, who had gone to heaven to conquer the gods; and then as a man-lion, to destroy the brother of Hiran-

yâksh, who was about to cut off the head of his own son for his partiality toward Vishnu.

Then he came as a dwarf, to defeat Bâli, who, having conquered the three worlds, had filled the gods with dismay; and next as a warrior, to slay Arjûn, who had terrified the gods by obtaining as a reward for his piety a thousand arms and the sovereignty over the earth.

In his incarnation as Râm or Râmchunder, it was to overcome Râwan, king of Ceylon, who, by his austerity, had obtained immortality, and was thus oppressing the world, so that the sun dared not to shine, the fire to burn, or the wind to blow.

As Krishna he came to slay monsters and demons, and do other works of benevolence, but lost his life from an arrow shot by mistake.

As Bôddh, the author of Bôddhism, he came to deceive the people. So say the Hindûs.

The tenth and last incarnation as Kâlki is yet to come at the close of the present age, when he will destroy all barbarians and thieves, and put an end to all iniquity.

In the Râmâyan Brahmâ is represented as the boar incarnation to save the world from a flood; and thus there are discrepancies in their different books, even if not sometimes in the same book.

COSMOGONY.

In the Pûrans creation is described thus: The Supreme Spirit, in the form of the primeval male and

female, produced a large egg, the prime element from which all creation has sprung. In another place Brahmâ is represented as the creator. After trying a long time to make one creature he began to cry. From his tears a number of demons sprang, so hideous that at the sight of them he fainted. Finally, after many attempts, he created various kinds of beings to dwell in all the world. These discrepancies arose from the difficulty they found in accounting for creation—how God, who is without form, could create the world with form.

The Hindu Shâstras speak of fourteen worlds, seven of which belong to the infernal regions. The earth is described as round like a circle, and flat. In the center is the division styled Rose-apple, and around it in order are seven seas of different fluids—salt-water, sugar-cane juice, spirituous liquors, melted butter, curds, milk, and sweet water. Between each two seas is a division of land, and beyond the last one a large continent of pure gold, the width of which is as great as all the seas together, and around it is a large mountain.

Above this earth are described seven worlds. The sun is nine hundred thousand miles from the earth, and the moon as far beyond the sun. Beyond are the fixed stars, and beyond them Mars, Mercury, Jupiter, Venus, Saturn, the Great Bear, and Pole-star, arranged in order. Heaven, the abode of the gods, is the second world in order from the earth. Above all, in the highest heaven, dwells Brahm, the Supreme Spirit. One year is with the gods a day and night;

three hundred and sixty years make one of their years, and twelve hundred such years (4,320,000 years) form a "great age," in which are four ages. One thousand "great ages" is a day of Brahm, and in the night succeeding each day is the extinction of the world. Brahm's age is 311,040,000,000,000 years, and when that age has expired, there will be the absorption of all things into the Supreme Being.

SACRAMENTS, RITES, ETC.

For the three higher castes there are ten ceremonies, denominated sacraments, extending from the time of conception to that of marriage.

The five great requirements are the worship of spirits, ancestors, Vêds, gods, and men; funeral ceremonies; study of the sacred books; burnt offerings and hospitality. The ceremonies and duties of the Brahmin are innumerable, by the performance of which he obtains great merit; indeed, these are the sum and substance of his religion. There are many kinds of penance; as, fasting, drinking the five products of the cow, and water in which a Brahmin has dipped his foot. Formerly they sacrificed the horse, and there is a law in the Vêds requiring the sacrifice of the cow; but now it is forbidden altogether to kill cows. Now Brahmins sacrifice sheep, and eat the flesh. There is great virtue in sacrifice, as also in continued meditation, but most of all in making long and wearisome pilgrimages to sacred places.

Hook-swinging was quite common over the country

until within thirty or forty years, and even yet it is practiced in remote districts in defiance of law or in native states where it has not yet been prohibited. Sometimes a large cart with a long pole for drawing had an upright post fixed in it, on which was a very long sweep, with one end reaching the ground, and the other high in the air, with a canopy attached, under which the person was to swing. The individual with the hooks in the naked back, held by another person, walked several times around the cart, and then the elevated extremity of the sweep being lowered, the hooks were fastened to it and the person raised, holding with one hand a rope which was suspended from the sweep, to save him from falling in case the flesh should give way, as sometimes happened. With the other hand he showered down turmeric upon the people, much to their delight, and the cart having been drawn some distance by the willing people, he was lowered and set free, having, as was supposed, gained so much righteousness that the bystanders worshiped him. All this was accompanied with music and the shouts of the bystanders. Women also submitted to this torture, it being undergone often in fulfillment of a vow for children.

This performance was accompanied sometimes by another even more disgusting, if not so painful. A man personating a god would come into the circle in fantastic dress and painted body, and after going around several times, preceded by music and making sounds in imitation of a wild animal, would tear open

the mouth of a kid given him for the purpose, and drain the blood from it into his mouth with fiendish joy, all the people shouting and declaring him to be their god. One could hardly imagine a more harrowing picture of a fiend in perdition than was presented in this and many other ways.

Other austerities were such as drawing ropes through holes made in the arms, jumping on sharp knives, casting the body into the flames, walking long distances with beans, gravel, or iron spikes in the shoes, and also self-immolation in various ways. Even yet cases occur of persons being crushed under Juggernâth at the festival when the idol is drawn round in his car, claimed to be accidental. And while this is being written a report comes of a family of five in Kattywar who had sacrificed themselves to the Khodia Mata, an incarnation of the blood-thirsty Kâli. The eldest son, after almost severing from their bodies the heads of his father, mother, and two brothers, cast himself into a well.

Milder tortures and austerities still frequent are such as measuring long distances by applying the body to the ground, suspending one's self head downwards over a fire (not warm enough to hurt much), or burying one's self alive, taking care to leave plenty of air-holes. Fakirs are still sometimes seen with their fingernails grown through the palms of their hands, or one hand perfectly upright and stiff from being so long in one position. But these fakir priests of different orders and various castes generally content themselves with

going around alone or in companies in their dirty saffron dress and large top-knot of some coarse fiber on their heads, doing nothing but affording the people an opportunity of getting merit by giving them alms. They are celibates, but on account of their great sanctity are sometimes allowed liberties with other men's wives.

Worship consists in ablutions, libations poured out to deceased ancestors, repetition of formulas, offerings of flowers, etc., at the same time repeating over and over the name of the particular god, counting on the rosary of *tûl*si or *rûdra* seeds to facilitate the operation. After making his offering the worshiper is marked on the forehead, according to the god he worships, to show that he has not neglected his devotions. In addition to this it is very common to have the arms, bosom, and forehead tattooed more or less.

FUTURE STATE.

About this much is said in the Hindu books: Those who leave off work and spend much time in meditating on God shall enjoy bliss, of which there are four states. Those who perform great charities, keep caste perfectly, or get much righteousness by meditation, go to heaven and remain there as long as their righteousness lasts; but when it runs out they return into another birth. Some who have kept caste perfectly receive the birth of a king, saint, rich man, etc.; but those who have sinned by breaking caste-rules have the birth of donkeys, dogs, swine, tigers, rats, kites, snakes, etc., or

suffer torments in hell till they have atoned for their sins, and then have other births. All creatures after eight million four hundred thousand births, being purified, shall enter eternal bliss in being absorbed into the Supreme Spirit.

The belief in transmigration of souls leads to reverence and concern for all kinds of birds and beasts by the people lest they should injure some of their dead ancestors or friends. This, however, as most of their religion, is largely hypocritical, for the bullock driver who will feed crows in hope of doing a favor to his departed mother, will beat his bullocks and treat them most cruelly as long as they are able to stand.

SECTS, ETC.

The five orthodox sects are the worshipers respectively of Shiv (the Indian Bacchus), who is represented as a white man with five faces and four arms, riding on a bull; Vishnu, drawn as a black man with four arms sitting on a monster called gururu; Dûrga, the wife of Shiv, and the Minerva of India; Sûrya, the sun, and Gunputty, a short red pot-bellied man with four arms and an elephant's head, sitting upon a rat. Vishnu, though without temples, has the most worshipers, who consider all others as heretics. The Brahmins worship chiefly Shiv and Dûrga, though their rites are the most obscene and disgusting of all. In connection with the temple of Shiv is the *ling* or image of the productive organs. Of heterodox sects and subdivisions there are said to be eighty-four thousand.

The idols, which are for the most part rudely cut out of stone and smeared with red paint, are most hideous objects. Indeed, they worship almost any thing, as a rough stone set up for a landmark; and they have even been found worshipping a piece of cow-dung. Even some English officers distinguished for bravery have not escaped deification, nor do they always wait for them to die, but sometimes insist on worshipping them in defiance of threats.

Their idolatry is not far removed from fetichism, for they take the idol whatever may be its form and of whatever material, and have the priest to perform some ceremony invoking the particular god to enter, when they call it their god, and worship it. They profess to worship not the idol itself, but the god in it, of whom they say they can form no idea without some tangible representation. But, of course, like idolatry everywhere, instead of leading them to God, it leads them farther and farther away from him. They claim that nothing at all can be known of the Supreme Being, though they believe, according to their books, that they themselves are part of him. As with Grecian and Roman mythology, the gods are but the reflection of the people, and in turn the people are a reflection of the gods. Thus they act and react on each other, getting lower and lower each succeeding generation. Very few new temples are being built, from the fact that they are not required, the land being already full; and old ones are not often abandoned, since the older they are the more sacred they are. Some of the tem-

ples have been long endowed by wealthy men or princes, and some even, to conciliate the people, receive revenue from the government; but the priests, for the most part, are supported by voluntary contributions.

3. BŪDDHISM.

Buddhism is an outgrowth of Hinduism, and in many respects resembles it. In it are ten incarnations of Būddh (the wise one), of which, according to their books, four have already taken place, each one holding sway five thousand years and then giving way to another.

AUTHOR.

The last and only historical incarnation was five or six centuries before Christ in the person of Gautam or Sakya Muni, the son of a king of Benâres or some place thereabouts. The father, fearing he would abandon his high position and become an ascetic, had him early married. But twelve years of gay life, instead of curing his contemplative mind, only deepened in him the conviction that all such is vanity; and thus he grew morbid over the thought that sickness, old age, or death would soon destroy it all. In this state he resolved on leading an ascetic and austere life in hope of finding peace. He learned all that the Brahmins could teach him, but it was all in vain. He resolved then on abstract contemplation, to solve life's problem, and came to the conclusion that birth is the cause of all life's sorrows, as without it there would be none; and going back farther, he concluded that ignorance is the

prime cause of existence. To obviate this ignorance he continued in silent meditation until he claimed to have attained to the perfect wisdom of the Bûddh. He then commenced his mission at Benâres, and continued it for forty years over Northern India, preaching and making many converts, some of whom, like himself, were of royal birth. He is said to have died in Oudh in the year 543 B. C., at the age of eighty years.

PATRON.

The defender of the Bûddhist faith was Asoka, king of Magâdha, in the third century before Christ. At first he was a persecutor of it, but having embraced the faith he became its great patron, making it the established religion in all his kingdom, which is thought to have extended over nearly the whole of India. He propagated it, however, not by the sword, but by peaceable means. He ordered that no creature should be killed and no person condemned to death throughout all his dominions. In order that all might ever be notified of this command he had it engraved in large stone pillars, erected in various places over the land, some of which are still standing in Cutch, Guzerât, and near Delhi, Allahabad, etc. On one of these it is written that the Vêds are wrong, and at the same time commanded that no one should obey their authors in sacrificing. He also built and endowed monasteries in many places over the country. Some time after the death of Asoka, Brahminism revived, and the peaceably disposed Bûddhists were so persecuted by them that

they fled to Western India, and hewed out of the solid stone those vast cave temples and monasteries of which mention has elsewhere been made. Finally, by the seventh century of the Christian era, they left India altogether, taking their religion to Ceylon, Burmah, the whole of the Indo-Chinese Peninsula, and China, where it is now professed by nearly one-third of the people of the globe. In Tibet they claim that they still have the incarnation of Bûddh in their successive Grand Lamas, whom they most devoutly worship.

DOCTRINES.

The sacred books of the Bûddhists teach that there is over all mundane creatures one Supreme Spirit, who, however, is so wrapped up in contemplation as to be unconscious of all that is passing; so, practically, there is no god; for beside him they deny the existence of God or divine incarnation. Esteeming Bûddh as a saint, and not as a god, they pay him reverence and worship, and in Ceylon they profess to preserve one of his teeth, which is visited with sacred reverence by thousands of pilgrims annually. His image usually colossal, represents him with hands folded, meditating like a man.

They teach, also, that the earth and earthly things are eternal, and agree with Hinduism in teaching works of righteousness, transmigration of souls, punishment in hell, and happiness in heaven, and finally bliss eternal in absorption into the deity—that is, nothingness; for their system excludes the idea of a personal God.

They impose celibacy and monasticism on their priests, who live by begging, but may give up the priesthood any time they may wish.

Their five chief commands are: Kill nothing, Steal not, Commit no adultery, Lie not, and Drink no intoxicants. To facilitate praying, they write prayers on a paper, and put the paper on a wheel, which they turn, each revolution counting a prayer. There are no caste distinctions in Bûddhism. All are on an equality, and any one may become a priest who desires it. They in some places practice austerities almost equal to those of the Hindûs; as, holding one or more fingers in the fire until they are consumed, not, however, until after they have been tightly bound, sometimes quite benumbing them.

The only places where Bûddhism is at present found in this country are the slopes of the Himâlayas, on the confines of Tibet, and British Burmah, though there is no doubt Hinduism has been much modified by its teaching, especially that concerning taking life.

4. JAINS.

The Jains are a sect who have seceded from Hinduism, but who get their religion, for the most part, from the Bûddhists, though they acknowledge other teachers besides Bûddh, particularly two, whom they honor and worship. This system of religion is said to have been promulgated first by a Brahmin of Benâres; but it now has adherents here and there in the whole of Upper India and as far as Calcutta, but more partic-

ularly in Marwar, Mewar, Guzerât, and Bombay. In the latter places, on account of their great wealth, acquired by their commercial enterprise, they have become very influential, though comparatively few in number.

Like the Hindûs, they observe caste and perform their sacraments and duties, but not any ceremonies for the dead. Like the Bûddhists, they do not receive the Vêds, and will on no account take animal life. They claim that the earth and all things came of themselves, as the tree grows, and that there are two kinds of spirits—those entangled with the body and those free from it. They teach that a man, to free himself from the body, should perform much meditation, keep himself from women, beg, remember his great teachers, repeat their names, and pray to them; and should he by any means kill an insect, he must make strict atonement for it. That they may drink no insect in their water, they carefully strain it. That nothing living may enter their mouth, some of them constantly keep it covered. Some carry a seat with them, and never sit down without first sweeping the place where they are to sit, and some will not walk out without first having the pathway swept. In addition to all this, many of them make a practice of feeding sugar to ants and other insects, and some go so far as to purchase the fowls of the poulterer to prevent their being killed. In Bombay and other places they have built large hospitals for sick and lame animals, where may be seen oxen, cows, horses, sheep, monkeys, dogs

cats, ducks, pigeons, etc., with every kind of disease and in every stage of affliction, and some without any complaint, as stray dogs picked up in the streets. These are fed and doctored till they get well or die. In this, however, again appears hypocrisy ; for these same Bunyas and Marworries, who are said sometimes to pay a man to lie still while the fleas and other vermin bite him, would, perhaps, see one of their fellow-beings die of hunger or disease without affording any assistance. It is, however, due to them to say that some have showed their liberality by building hospitals and schools for their countrymen.

They acknowledge the five great commands of the Bûddhists. They also acknowledge some of the Hindu deities, and in some places have built magnificent temples. It is a part of their duty to visit daily a temple where images of Jain saints are placed, walk round three times, make obeisance to the image, and offer fruits and flowers. Besides festivals in commemoration of their own saints, they observe several of the Hindu feasts. About the thirteenth century they were greatly persecuted by the Brahmins, many being impaled or pressed to death in oil-mills.

5. MOHAMMEDANISM.

INTRODUCTION INTO INDIA.

Though this system of religion, unlike the above-mentioned, is not indigenious, yet for twelve hundred years, or almost from their origin, Mohammedans have had some connection with India, but especially since

the close of the tenth century. What with their immigration and their proselytism, they are now about one-sixth of the population. The reasons for the rapid spread of this religion have been given as follows: The amount of truth it contains; its not being opposed to man's depraved tastes and passions; the personal influence of its author; its special adaptation to the Arabs; the rewards offered to those who fall in battle; and the corruption of the Christianity of the East, with which it came in contact, for the chastisement of which it is supposed to have been divinely permitted to rise and flourish. It must be said, however, that, though it found in India the grandest field for the display of its spirit of iconoclasm, yet it has come far short of that signal success which attended it in some other countries; and no doubt it is making much less progress now than formerly, its strong right-arm of war hanging powerless by its side. Still it has other means of propagation, which it does not fail to use.

THE KORAN.

This, their sacred book, claims to have been revealed to Mohammed by the angel Gabriel. In composing it he is said to have had the assistance of a Christian relative. Certain it is that all that is good and commendable in it is from the Old and New Testaments; at the same time it contains much that is opposed to them both. Mohammed distinctly disclaimed any other mission than to teach and to preach, and so made no pretense to the working of miracles until challenged for

his credentials. Upon this he feigned to have ridden to the seventh heaven on the back of a mule, and to have returned the same night. This, however, is not contained in the Koran, which simply says, "Praise be unto him who transported his servant by night from the sacred temple to the farther temple." By this Mohammed most likely meant from the temple at Mecca to the temple at Jerusalem, which, however, would have been impossible in one night without supernatural means. His followers also claim that on one occasion he split in two the moon, and carried the parts under his arms—a feat quite in harmony with all mythology.

CREED.

The six articles of faith of Islam are belief in God, angels, revelation, prophets, resurrection, and predestination. Thus the Moslem creed is exceedingly simple; indeed, it is concisely stated by them as follows: "There is one God, and Mohammed is his prophet." As Mohammed's knowledge of God is due to the Bible, we may concede that the Moslem's God is the true God; but that he understands much of the true nature of that God we are compelled by facts to deny. The Koran enjoins the belief in angels with pure and subtle bodies made of fire, who neither eat nor drink nor propagate their species.

It also teaches that God at different times has revealed his will to prophets, of whom Moses received the Pentateuch, David the Psalms, Jesus the Gospel, and Mohammed the Koran; after which no more is

to be expected. All but the Koran, they say, have been so corrupted by the Jews and Christians as to be unreliable. Of the two hundred and twenty-four thousand prophets, according to one tradition—or, according to another, one hundred and twenty-four thousand—who have visited the earth, six were chief—Adam, Noah, Abraham, Moses, Jesus, and Mohammed; all of whom were free from great sins. But the greatest prophet of all was the latter, though Jesus is the “sinless prophet of Islam.”

It is positively stated in the Koran that Jesus was the Son of God, was born miraculously of the Virgin Mary, and performed miracles; but it is denied that he was crucified, and, on the contrary, affirmed that he was rescued from the hands of the Jews, and another person substituted for him; also, that he was taken to heaven, whence he will come again at the end of the world to judge the wicked. They stoutly deny his divinity, and nothing so excites their wrath as to assert it, though it is not so certain that Mohammed himself denied it.

The fifth article of their creed is the general resurrection of the dead, and the future state. Wicked Moslems, after expiating their crimes many years in hell, shall join the holy in heaven, which is a beautiful place, with every kind of sensual delights, each one having, in addition to his own wives, numerous others, with powers of enjoyment greatly increased. All infidels—that is, all beyond the pale of Islam—shall go to hell, and remain there forever.

The sixth article of faith is God's absolute and eternal decree of good and evil, even to one's faith or infidelity ; and hence it extends to his everlasting happiness or misery.

DUTIES.

As there is no Savior in the Moslem system, and not even any atonement at all (the only sacrifices being of camels, sheep, or goats, which are expected to assist them over the narrow bridge leading from earth to heaven), their only means of salvation is their good works. The first of these is prayer, which should be five times a day, accompanied by ablutions and purifications, with the face turned toward the sacred city of Mecca. The second is giving of alms, considered so important a part of their religion that many of them appoint a day in the week for feeding all the beggars and others whom they may be able to get together. Mohammed called fasting "the gate of religion." It should be of three kinds—restraining the appetites and passions, restraining all the members from sin, and restraining the heart from every thing but God. The fourth means of grace is the pilgrimage to Mecca once in life, in doing which much suffering and danger are undergone by the many ship-loads of pilgrims who go from India every year.

Like the Jews, they circumcise their male children, not in infancy, but any time between the sixth and sixteenth year—in accordance with the circumcision of Ishmael, the progenitor of many of the Arab tribes.

Three things were forbidden by Mohammed—drinking wine and brandy, eating pork, and gambling.

Fighting unbelievers is considered a sure passport to heaven, and fanatics, acting on this, sometimes kill others, utterly regardless of their own safety. Thus the viceroy of India was killed in 1872.

Polygamy was allowed and practiced by Mohammed, even beyond the four wives allowed to other men.

PRESENT CONDITION.

If there has been a great declension in the character of Mussulmans in other countries since the death of the false prophet, much more is it the case in India. Though they commenced with destroying the idols of the land, yet they have by no means escaped contamination with these same idols. Their worship at the graves of their saints is not consistent with their creed; neither is the reverence paid to their mimic tombs, etc., during the Mohurram; and much less so are the almost divine honors paid by the khojahs in Bombay to their chief, who is said to be descended from the “Old Man of the Mountains” that figured so prominently in the Crusades. But, in addition to these things, thousands of them join in the idolatrous processions of their Hindu neighbors; and this may be a cause of the slow progress they are making amongst them. This, however, is by no means to be deplored; for, though having a creed far superior to them, it is doubtful whether their practice is in any wise better. When we add the fact of their almost innate hatred to Christianity, along

with their fanaticism, we can account for the little progress the Gospel has made amongst them.

Nor is there any hope of reformation in their morality except by means of the Gospel, for the Wahabees, who claim to be reformers, make very little headway in bringing them back to their primitive condition; and even they perhaps need reforming about as much as any. Nothing better can be expected from any false system of religion.

6. SIKHS.

ORIGIN.

The Sikhs (Disciples), derive their religion from the Hindûs, getting a considerable mixture from the Moslems, both of whom they cordially hate. Their founder was Nanuk, who was born in the Punjâb in 1469 A. D. At first he was a zealous Hindu, and visited all their sacred places, and then other countries, and finally Mecca. After all this he determined to found a new religion from Hinduism and Mohammedanism. He taught that there is but one God, and that it is wrong to worship idols, and that if one will meditate on God and love him, and be merciful to all creatures, then God will dwell in him.

After the death of Nanuk nine gûrûs (religious teachers) sat on his throne in succession, one of whom, Arjûn, compiled their sacred book from the songs of Nanuk and the writings of other teachers. Another one of these gûrûs, Râmdâs, greatly enlarged the town of Rampore and built a large tank, which he

called Amritsar (fountain of immortality), where the Sikhs come from all parts to bathe. The last one of these gûrûs, Gooind Singh, changed their practices somewhat and allowed idolatry. He was not only their teacher, but also led them in war and gained great power for them. Among them many became princes, and Gooind ordered that they should unite to fight their enemies. In a fight with the king of Delhi they were worsted, at which they became enraged at the Mussulmans, and finally expelling them from the Punjâb, ruled it themselves until overcome by the English in 1849.

PRACTICE.

They regard their sacred book with such reverence that they never open it without first worshiping. This they do four times a day, reading it and praying; and those who can not read repeat the names of some of their gûrûs. They receive the stories of Brahmâ, Vishnu, and Shiv, with all the incarnations. They hold to the transmigration of souls, and claim that he will be happy who by meditating much on God escapes these births and deaths. Proselytes are still sometimes made from among Hindûs and Moslems, when certain ceremonies are performed, and the Moslem is commanded not to eat cow's flesh. They do not observe caste. All classes sit and eat together, but do not intermarry. Nanuk taught that nothing from without pollutes; that it is sin in the heart that pollutes, and that he who forgets God shall suffer torments. He also taught that it is not outward worship that is

acceptable to God, but that which is of the heart. They practiced suttee until it was put down by the British Government. They abstain from tobacco, but not from fermented liquors, and pay divine honors to Nanuk.

They are tall and brave, and number about one million.

7. ZOROASTRIANISM.

HISTORY.

The meaning of the word Parsee is Persian, and indicates the ancient home of that people, as also that of their religion. Its founder was the Persian philosopher and reformer, Zoroaster, who is supposed to have lived about 500 B. C. Having made a disciple of the king of Persia Gushtasp (supposed to be the same as Darius Hystaspes), his religion spread over the empire and prevailed for about eleven centuries and a half, when the Mohammedans, conquering the country, persecuted the people and almost extinguished their religion. However, about the year 717 A. D., many left their country and settled in Guzerât, in India, where they were afterwards joined by others, and increased until now there are about one hundred thousand of them, nearly half being in Bombay. There are several thousand still remaining in Persia, who keep up some correspondence with their brethren in India.

ZENDAVESTA.

Their sacred book is written in the Zend language, which, like the Pâli, greatly resembles the Sanskrit,

though it is only recently that it has been understood by philologists. Even yet hardly any of the Parsee priests understand the language, though the people use it in the Guzerâti character for their prayers and forms of worship.

To authenticate the mission of Zoroaster a number of silly miracles are claimed to have been performed by him or for him, as the following: When he was born he immediately laughed aloud. A wicked king attempting to stab him, his hand was dried up; he being thrown into the fire, it was like water, and he slept in it; being placed in a road to be trampled to death by oxen, one of them stood over and protected him, and the same result occurred when exposed to wild horses; being exposed to wolves, they would not devour him, but cows came and ministered milk to him; in crossing the sea he was borne up by the waves without a boat for a whole month; he was conveyed to heaven and conversed with God; he was made to pass through flaming fire, which he did uninjured; molten brass was poured on him without causing hurt, etc.

TEACHING.

Their doctrine is that, originally, there was one God, the Eternal, but being without form and absorbed in contemplation, they for the most part do not worship him. But Hormuz, who was created by the Eternal, they esteem as a god, worship and praise him. They claim that two gods were created by the Supreme Spirit and placed over the world—Hormuz,

god of light or goodness, and Ahriman, god of darkness or evil. These two are in perpetual conflict, seeking to overcome each other, but in the end Hormuz will prevail over Ahriman and cast him into hell, when all the world will become true worshipers and prosperous.

WORSHIP.

Hormuz being the god of light, they especially worship the sun and fire. In their places of worship, which they call fire temples, they always keep holy fire burning, brought down according to tradition originally from heaven, and the defiling of which is punishable with death. That their breath may not pollute it the priests never approach it with their mouth uncovered, and never touch it but with sacred instruments. They will not put out fire nor smoke tobacco. Besides fire and the sun they worship the moon, stars, water, wind, sea, earth, rivers, trees, etc., claiming that they are emblems of the deity. They especially reverence dogs, believing that they keep off demons. Their priests dress in white and all orthodox Parsees wear a sacred shirt and thread somewhat as the Brahmins. Indeed, many of their modern religious customs were adopted from the Hindûs in order that they might be permitted to settle in India.

Though they are taught very little of the need of it, yet they have many means for purifying the heart. For the most part, however, these means are light and absurd. No sacrifices are required. Some of them spend much time in repeating their prayers in

the sacred Zend, standing in their temples or on the sea-shore, or looking toward the rising or setting sun. Many of them, however, are very thoughtless and careless in regard to religion.

According to their teaching those who purify themselves go after death to dwell with Hormuz, while others go to dwell with devils in hell. They cleave very closely together, not so much to preserve their religion as their nationality, having, like the Jews, no land of their own, and no common tie but their religion. They mingle much with Europeans, and to a considerable extent adopt their dress and customs and practice their vices.

8. JEWS.

It is not known when the Jews first came to India, but for many centuries there have been considerable settlements of them in Cochin and other parts on the Malabar Coast. Among them are two distinct classes known as the "White Jews," who have emigrated from Europe, and the "Black Jews," whose ancestors came from Arabia. The latter class live among the natives largely, speak their languages, and are not to be distinguished from them except by their brimless caps and some other articles of clothing, and especially by their Hebrew features, which are still discernible. Differing from their brethren of the other class, and Jews generally, they are mostly poor; but they have some education and are good citizens, numbers of them being employed in the native army. They are also

distinguished from the other class by their Hebrew designation, Beni Israel (sons of Israel), by which they are generally known.

The European Jews are not numerous, India not seeming to afford them the same field for their commercial propensities as some other countries, perhaps because preoccupied by Parsees and Bunyas, the former of which so resemble them that they have been thought to be descended from the lost tribes of Israel. These Jews, however, have large and splendid synagogues in some of the chief cities, and one of them has been knighted for his charities.

In addition to their regular Sabbath services on Saturday they keep some of the Hebrew feasts yearly, and for this purpose sometimes construct booths in front of their houses.

As elsewhere, however, they are isolated religiously from the rest of the world, neither influencing others nor being much influenced by others; though recently they appear amenable to the Gospel, and may become a factor in the evangelization of the country.

9. BRAHMOISM.

Under this head may be included a number of efforts at a reformation of the religions of India, but principally that of which the

FOUNDER

was Rammohun Roy, a Hindu rājâh born in Bengal about one hundred years ago. His ancestors were high-

caste Brahmins; so he acquired the usual elements of a native education, to which he added Persian, and afterwards Sanskrit. When quite young he began to look into the evidences for and against Hinduism and other religions professed about him. Having found them altogether unsatisfactory, and even repugnant to his mind, he boldly denounced them. This led to a quarrel with his family and community, though his mother seems to have been convinced of the errors of her religion, but would not give it up. He spent two or three years in Tibet, where he openly denounced the dogma of the divinity of the Lama somewhat to his peril. In 1803 his father died, having disinherited him, but his brother dying in 1811 he got back what he had sacrificed. He then opposed idolatry the more, and wrote books against it in different languages. In 1820, accepting the morality of Christ's teaching, though not his divinity, he published *The Precepts of Jesus, the Guide to Peace and Happiness*. In 1831 he visited England, where, overtaking his strength to meet the many engagements made for him to speak, he died in 1833. In 1830, before leaving for England, he had founded the Brâhmo Somaj (Theistic Society).

DEVELOPMENT.

In 1842 the society was joined by Bâbu Tagore, a wealthy Brahmin of Calcutta, by which, and also by the spread of the English language, it made rapid progress in different parts. In 1858 it was joined by Bâbu Keshub Chunder Sen, the present leader, who

also visited England in 1870. He has endeavored to apply the principles of the society to practical life and to organize branches in various parts of the country, of which they now claim to have one hundred, with a goodly showing of members. But there are a far greater number of sympathizers who are not willing to come out fully.

PRINCIPLES.

They are theistical, believing in one Supreme God, to whom they pray, but deny a divine revelation, assuming that nature and intuition are sufficient. At the same time they are eclectic, holding that there is some good in all systems of religion, and that there may be progression in religious belief. This being the case, they progress so fast that no one can keep up with them or tell one week what new development or "new dispensation," as one party now call it, will take place next week. They, however, ignore caste, and have given up all idolatrous rites, and perform public worship, and as far as they go there is a real reformation, though they do not seem to be in the way to embrace the Gospel fully.

OTHER SOCIETIES.

Akin to the Brâhmo Somâj are the Prârthanâ Somâj (Praying Society), and Arya Somâj (Society of Aryans), of Western India; only they have not so fully broken away from Hinduism, from whose ranks they are mostly recruited, though many Mussulmans and Parsees are in sympathy with them. They, how-

ever, have some imposing edifices, which are in striking contrast with the temples, mosques, and fire temples around them.

From all this it will be seen that India is full of religion of every variety, Theism, Atheism, Monotheism, Dualism, Polytheism, Pantheism, all of which have had their origin here or hereabouts. And yet here extremes meet—where there is the most religion there is the least. What Paul said in addressing the Athenians applies to the whole of Asia; and with all their millions of gods they need apostles to preach to them the “Unknown God.”

Chapter IV.

BRITISH INDIA.

1. HISTORICAL SKETCH.

HITHERTO our view has been confined to Oriental India, except so far as it was necessary to anticipate. Now let us move our telescope a little way along the political horizon until it takes in British India. This, as has been intimated, includes Hither India and British Burmah, but not Ceylon, it also having a government of its own. But that we may see the better how India became British territory and wonder more at the marvels of Providence, we will preface our sketch with a slight glance at the more remote history of the country.

ANCIENT KINGDOMS.

Eliminating what is obviously fabulous from the Hindu books it seems that one of the most (if not the most) ancient cities of India was Ayodhya or Oudh, the ruins of which are still to be seen near Fyzabad. There two races of kings are said to have sprung called by them solar and lunar races, somewhat as the Chinese still style themselves "celestials." The earliest Hindu prince of whom we have any account was Râm, who traveled southward from Ayodhya into the dense forests of the Deccan, where his wife, Sita, is said to

have been stolen from him by Râwan, king of Ceylon. The story goes that Râm, assisted by the rude tribes of Southern India, crossed over and rescued his wife.

Next to Ayodhya in antiquity seems to have been Hostinapûr, near Delhi, about the possession of which two families of the Lunar kings, the Pandûs and Kûrûs, had a quarrel. The Pandûs, joined by Krishna, king of Guzerât, conquered, but with so great loss that they gave up Hostinapûr and died of grief in the snows of the Himâlayas, while Krishna was killed by an archer and his sons obliged to leave Guzerât.

Another ancient kingdom of North India was Magâdha, with its capital Polibothra, on the Ganges, about the place, as is supposed where Patna now stands. About 300 B. C. it was ruled by Chundra-gûpta, the grandfather of Asoka, the patron of Bûddhism, who seems to have extended his dominions over nearly the whole country.

Later on, Mâlwa, in Central India, became a powerful nation, whose king, Vicramaditya, or Vicramarca, was so famous that the people of Hindustan still reckon their time from his reign, 56 B. C. This kingdom lasted till the eleventh century, A. D., when the illustrious King Bhoja reigned.

About the tenth century, A. D., the Rajpûts (sons of kings) rose to great power, claiming descent from the solar and lunar races.

Mahôrâshtra, or the great Marâtha country, was governed by Salivahan in the year 77 A. D., from which epoch the people continue to reckon their time.

Until subjugated by the Moguls, the Gouds ruled over a large kingdom in Central India, with their capital at Chânda, whose remains now testify to their former glory, from which they have so sadly degenerated.

The earliest kingdom of which we have any reliable account in Southern India was the Pândyan, the capital of which was Mâdura; but a more powerful one was ruled over by the Chola princes, with their capital at Cojeveram.

Travancore and Malabar were ruled over by a race of kings called Cheras.

Of the ancient kings of the Carnatic nothing reliable is known, as also those of the ancient Telugu country.

EARLY INVASIONS.

In classic mythology (which, however, is not more to be relied on than Indian mythology), Bacchus is spoken of as the conqueror of India. Somewhat more reliable is the account of the invasion of India by Semiramis, the queen of Assyria, given by Diodorus, the Greek historian. He, however, relates some marvelous things,—how that, in order to cross and navigate the Indus, she caused vessels to be built and carried all the way from Bactria; and, to supply elephants to combat the war elephants of the Indian king, Strabrobates, three thousand oxen were slain and their hides formed into the shape of immense animals, with camels and men inside for motive power. Though at first somewhat victorious, yet finally she was com-

pletely defeated, and lost nearly two-thirds of her large army, if not her own life, as some maintain.

From Herodotus we learn that Darius Hystaspes, king of Persia, about 500 B. C., conquered the Punjâb and the country along the lower Indus, from which he afterwards derived about one-third of his revenues.

About 330 B. C., Alexander the Great, king of Macedon, having destroyed the Persian Empire, led his victorious army across to India, and gained several victories in the Punjâb. His soldiers refusing to proceed farther, he followed the Indus, with some opposition from the people, till he reached the ocean. He returned to Babylon, where his early death put an end to the project he had in mind of continuing his conquest of India and what other countries he might find beyond. Seleucus, one of Alexander's generals, who on his death obtained his Eastern dominions, invaded India, and fought a great battle with Chundragûpta, after which a treaty of peace was concluded between them.

The "Persepolis" gives the account of a voyage of merchantmen in the first century of the Christian era around the whole of Western India, touching at places which are identified as the Gulfs of Cutch and Cambay, Broach, Callian, Mangalore, etc., at which they procured cotton cloths and finer muslins, porcelain, gold, silver, etc., and learned of great capitals in the interior supposed to be identical with Ujein, Dowlatabad, and Piltâna on the Godavery.

FIRST MOHAMMEDAN DYNASTIES.

In the year 664, or only thirty-two years after the death of their founder, the Arab Mussulmans, having conquered Persia, penetrated into Kâbûl to the very confines of India. They were, however, repulsed from India, but carried off many women. In 1711 they returned and conquered Sindh, which they held for thirty-seven years, till driven out by the Rajpûts. Two centuries and a half then elapsed before we hear of any other attempt upon India by the Mohammedans. In 1001, Mahmoud, of the house of Ghuzni, which had been established in the mountains of Ghor on the north-west frontier, invaded India, and, conquering the king of Lahore, returned with much spoil. On his fourth invasion he was opposed by several of the rājahs, whom he defeated, and then robbed some of their temples, in which he found vast treasures. On his twelfth invasion, which was of all the most remarkable, he robbed the temple of Somnâth in Guzerât, defended by Rajpûts, broke to pieces the largest idol, and carried off all the gold and jewels with which the temple was lined, and with great difficulty returned to Ghuzni, where he died in 1030.

It was not till 1206 that the Mohammedan power was established in India by Shahab-u-din, the Ghorian, who subdued all Northern Hindûstân. After, however, making nine expeditions into India, and gaining much treasure, he was killed on his return to Ghor. His slave, Kûtebû-din, who had raised himself to the position of viceroy, after his death became sultan of

Hindûstân, founding the dynasty of the slave kings. It was during this dynasty, in 1217, that the first Mogul invasion took place under the famous Zenghis Khân. Afterwards, on their return to India, they were completely defeated by Jelal-u-din, the first of the house of Khilji, who also invaded the Deccan, making conquests as far south as Malabar.

Ferozshah, of the house of Toghlâk, was the best of all these early Mussulman kings. He constructed hospitals, baths, bridges, and the first canal known in India. In 1398, ten years after his death, occurred another dreadful invasion of the Moguls, under Timour, or Tamerlane, who, after sacking Delhi, the capital, and proclaiming himself emperor, returned laden with booty. So cruel was he that he is said to have ordered one hundred thousand prisoners cut down, merely because they impeded his progress.

After this there was anarchy till an Afghan family, known as the Lodi kings, succeeded, and ruled for about eighty years in a most cruel and overbearing manner. The last of these was Ibrahim Lodi, during whose reign, in 1526, was fought the first celebrated battle of Puniput, in which he was defeated and slain, and his conqueror, Baber, the sixth in descent from Tamerlane, founded the Mogul dynasty, which ruled Hindûstân in great splendor for more than two centuries.

THE MOGUL EMPIRE.

The petty Mussulman rulers in different parts of the country submitted to Baber, but not so the Raj-

pûts, who brought a great force against him. But they, being defeated in battle and besieged, killed all their women and children, and rushed against the enemy, fighting till the last one was slain. Baher was good, brave, and learned, said to have been fond of fruits and flowers and much attached to his family and mother. He died in 1530.

Baber was succeeded by his son Humayun, whose younger brother claimed Kâbûl, Kandahar, and a part of the Punjâb. During this reign Shir Shah, who had made himself king of Bengâl, fought against the emperor, defeating him, and taking Agra, Delhi, and Lahore, over which he reigned a number of years with great zeal and justice. Humayun, being refused refuge in Kâbûl by his brother, fled to Persia, where he received some help and re-enforcement from the king. With this assistance he recovered his possessions in India, from which he had been absent sixteen years, but died the following year, 1556.

His son, Akbar the Great, was born during his flight through the desert, and being but thirteen years old when he came to the throne, was assisted in the government by his father's general, Behram Khân. But, wishing to be untrammelled, after awhile he sent him on a pilgrimage to Mecca, on which he was killed. During Akbar's reign, Cashmere and Bengâl were conquered fully for the first time under the Moguls, and Sindh, Guzerât, and Kandahar were recovered. To conciliate the Rajpûts, he married daughters of two of their princes. Thus nearly the whole of Hindustan

was under his sway. His attempts to conquer the Deccan were stopped short by his death, which was hastened by the conduct of his undutiful sons. His reign began two years before and lasted two years after that of England's Queen Elizabeth, with which it may be compared, and during which an English traveler was received at the Mogul court. His name well became him; for he was the greatest emperor that India has seen, doing all in his power to make his people happy, ruling impartially, making many improvements, and abolishing suttee, or as much so as was possible at that time. One of his wives was a Portuguese, and he employed Roman Catholic priests, who translated for him a part of the New Testament. Though he rejected the Koran and Mohammedanism, yet he never embraced Christianity.

Akbar was succeeded by his son Selim, who assumed the name of Jehangir (Conqueror of the World); but instead of doing any thing to merit it, he was idle, careless, and dissolute, though he punished others severely for getting drunk and smoking opium. His beautiful but wicked wife, Noor Jehan (Light of the World), had great power over him. His own wicked conduct to his father was repaid by the revolt of his son, who had him put into prison. Being released by his cunning wife, he endeavored, but in vain, to regain his power, dying in 1627.

Jehangir's unnatural son, Shahjehan (King of the World), had already well established himself in the Deccan; but on the death of his father he returned to

Agra, ascended the throne, and ordered his nephews to be slain. During his reign trouble was caused in the Deccan by an Afghan chief, who, however, was routed and slain. Subsequently trouble of another nature was caused by a terrible famine, in which many people and nearly all the cattle died. He built a new city of Delhi, with elegant streets and courts, marble halls, a magnificent mosque, and the wonderful "Peacock Throne;" but the greatest of all his works was the world-renowned Tāj Mahāl, at Agra, as a tomb in honor of his queen, and also for himself. As a return, however, for his own conduct to his father, his youngest son, Arungzib, after getting his three brothers out of the way, threw his father into prison, where, after remaining seven years, he died in 1665.

Arungzib, though cruel and unprincipled, was able and zealous, and under him the Mogul empire reached its acme, extending its authority over the whole of India, and receiving revenues to the amount of three hundred and twenty millions of rupees. The Mussulman kings of Ahmednugger, Golconda, and Bijapūr, all submitted to him.

No sooner, however, was peace established in one quarter than troubles arose in another. It was during this reign that the great Marātha empire was founded by Sivaji, who, from the leader of a band of robbers, became master of the hill-forts and a large part of the country, finally compelling the kings of Bijapūr and Golconda to pay him one-fourth of their revenues. In 1665 he was crowned king by the Marāthas, and fifteen

years later died, as has been affirmed, of poison administered by his wife. Arungzib also had trouble with the Rajpûts, whom he treated very cruelly.

The empire was constructed on this wise: The emperor from his capital at Delhi ruled the whole; but the country was divided into three great viceroyalties—Hindûstân, the Deccan, and Southern India—over each of which was a governor, who had under him nâwâbs and rājahs, and under them in turn were officers of law, justice, and finance. Those refusing to accept the Moslem religion had to pay tribute.

From the death of Arungzib, in 1707, the empire rapidly declined, though his descendants continued to reign till the second battle of Puniput, in 1761, when the confederacy formed by them with the Afghans against the Marâthas was dissolved, and with it practically the Mogul empire. Even still there was a nominal emperor till 1858, when the last of the "Great Moguls," who had been pensioned by the British Government, was transported for participating in the mutiny at Delhi. The fall of their empire had been hastened, also, by the invasion of Nadir Shâh, king of Persia, in 1738, when, having captured and sacked Delhi, he massacred thirty thousand of its inhabitants, and returned to Persia with untold wealth, including the famous "Peacock Throne."

EUROPEAN SETTLEMENTS.

The first Europeans to make settlements in India were the Portuguese, who in 1487 doubled the Cape of

Good Hope, and ten years later landed at Calicut on the Malabar coast, where they began to trade, and in 1500 established a factory. This, however, was soon destroyed by the natives, when they selected Cochin and Cannanore for trading purposes. In 1510 Alphonso Albuquerque was appointed viceroy, and captured Goa, which became the Portuguese capital in India, and from which they extended their settlements to Bassein, and in 1632 to Bombay.

Columbus, the Genoese navigator, under the royal patronage of Spain, was in search of a passage to India by sailing westward when he discovered the new world of America, in 1492.

About a century after the Portuguese came, the Dutch, who, after establishing trading-posts in the islands of the Indian Archipelago, and founding Batavia on the island of Java as the capital of their Eastern possessions, opened up trade with India at Negapatam, Chiusura, and other places on the east coast.

In 1600 the English—having in vain attempted to open up communication with India by way of the Baltic and White Seas and across Russia, and afterwards by way of a north-west passage around North America, and later still by way of the Mediterranean and across Asia Minor to the Persian Gulf—finally formed an association with the exclusive right of trade with all the countries beyond the Cape of Good Hope. This was the association which, after renewal of charter several times, and consolidation with another formed

afterwards, became the powerful East India Company, which was destined, by divine Providence, to become, in the course of time, the masters of the whole of the Indian Peninsula.

The first permanent possession of this English trading company was at Madrâs, where, in 1639, they built Fort St. George on a piece of ground granted them by a Hindu prince. Madrâs then became their capital for India. The chief English settlement, however, had been Surat, where they had received permission from the native princes to establish a factory about 1617. The first possession of the English crown was the island of Bombay, as a portion of the dowry of Princess Catharine on her marriage with Charles II, in 1661. As, however, it did not yield revenue sufficient to pay expenses, it was made over to the company, who, in 1687, transferred thither their Western capital from Surat. Meantime the town of Tegnapatam, on the Coromandel or east coast, had been purchased, and Fort St. David built. In 1690 Fort William was built on a plat of ground purchased by the company at Calcutta, whither, not long afterwards, the capital was transferred from Madrâs. Thus, at the beginning of the eighteenth century, when all the English trading companies were united into the East India Company, they had fortified posts at the three presidency towns.

Meantime the French had not been idle, but, though late on the ground, had founded stations at Pondicherry, Mâhe on the west coast, and Chunder-

nagore on the Hoogley. The Danes got a footing in India as early as 1621, establishing a post at Tranquebar in Tanjore, and also one at Serampore on the Hoogley, which they continued to hold till transferred by purchase to the English in 1845.

BRITISH RULE ESTABLISHED.

Though formed only for trading purposes, it was not long before the East India Company was forced to assume other functions. In gaining a foothold in the East they had been greatly opposed by the rival nations, the Portuguese and the Dutch; but now we shall see them contending for the supremacy of India with their ancient rivals, the French, with whom the English were, at the period to which we have now come, at war also in Europe. In 1744 the French commander attacked and captured Madrâs, agreeing, however, to restore it to the English for a sum of money. To prevent this, he was ordered back to France by the French governor, Dupleix, who, refusing to restore Madrâs, on the other hand, marched against Fort St. David. He, however, was repulsed by the English, with the assistance of the Nâwâb of Arcot, who afterwards was gained over to the French. The war coming to a close after an unsuccessful attempt of the English to take Pondicherry, Madrâs was restored to them. Very soon, however, they were engaged again. While the English were getting possession of Devicotta, as a remuneration for assistance rendered to the rajah of Tanjore, the French were

taking sides with one of the rivals for the throne of Arcot. Soon after the English espoused the cause of the other rival.

At this juncture, 1751, there appears on the scene a remarkable man who, in a few years, became the founder of the British Empire in the East, Robert Clive. Having laid down the pen for the sword, and distinguished himself at Pondicherry, he got permission to attack Arcot, which he did most successfully in a thunderstorm, in command of only a small body of troops. The Nâwâb endeavoring to recover it, the defense was even more gallant than the capture, native troops being employed for the first time by the English. The following year Clive took two strong forts from the French on the coast, after which he returned to England for his health.

At Seringham the French took refuge in the great pagoda, but were completely routed by the English. Again they were repulsed from an attempt to besiege Trichinopoly. At this the authorities at Paris, becoming quite dissatisfied with the way the war was being carried on, sent another governor to relieve the proud and ambitious Dupleix in 1760. He made peace on terms very favorable to the English. This, however, was of short duration, for the French did not readily relinquish their hopes of becoming the paramount power in India. The new French general, after taking Fort St. David, made an unsuccessful attempt to besiege Madrás. Afterwards the English besieged Pondicherry, which finally surrendered, notwithstand-

ing the French cruelly turned out fourteen hundred natives in the face of the enemy to allow more provisions for themselves. This was the close of the war in the Carnatic and practically of the French power in India. Count de Lally, the unsuccessful general, was recalled to France, there tried for his life, and unjustly executed.

For half a century the English had held Calcutta in peace, when, in 1756, Surâjâ Dowla, an infamous prince who had succeeded as Nâwâb of Bengâl, becoming alarmed at the success of the English in the South, took it into his head to drive them from Bengâl. He first robbed their factory, one hundred and twenty miles up the Ganges from Calcutta, and then, marching against the city, demanded its surrender. Being but poorly defended, this was done on promise of good treatment. He took one hundred and forty-six prisoners, which, contrary to promise, were cast into "The Black Hole," a room eighteen feet square with only small apertures for ventilation. Meantime the Nâwâb got drunk and went to bed. As it was the warmest time of the year, only twenty-three men were found alive in the morning. The account of this horrible deed having spread, and Clive having returned from England, he was appointed to avenge it. This was done most signally the following year. He followed up the Nâwâb one hundred miles north from Calcutta, where was fought the decisive battle of Plassey. Three thousand English troops utterly routed the large army of the Nâwâb, consisting of fifty thousand men. Sur-

âjâ fled on a camel, but was not long afterwards assassinated by one of his own countrymen.

This established the British power in India, though as yet only a small part of it was subdued. Even in Bengâl resistance was soon shown, and eight years later the war was renewed, in which was perpetrated an act only less awful than that of the "Black Hole" affair, the assassination of one hundred and fifty English prisoners at Patna. This, too, was avenged by several victories gained over native princes, which extended the British rule over the whole of Bengâl, Behar, and Orissa, and a good part of Central India, while the perpetrator of the horrible deed was forced to flee to a foreign country for safety.

Again Clive returned to England, where he was received with the greatest honor, and soon after appointed governor of Bengâl with the title of "Lord Clive." Here he instituted measures for reforming the army and civil service, forbidding officers to engage in private trade, at which two hundred of them mutinied and resigned. But he, unmoved, had their places supplied from Madrâs. After this Bombay and Madrâs, each being organized into a presidency under a governor appointed by the English crown, the governor of Bengâl was made governor-general of India, the first one being Warren Hastings, from 1774-85.

FURTHER CONQUESTS.

In the same way as Sivaji founded the Marâtha Empire so Hyder Ali rose to power in *Mysore*. First

he raised a band of robbers, then deposed the Rājah of Mysore and ruled the country himself, extending his power over a good part of Southern India. Soon he came into contact with the English in their newly acquired possessions in the Carnatic, and two wars were carried on with him with indifferent success. After this he died in 1782 and was succeeded by his son, Tippoo Sultan, who had inherited his father's hatred for the English, but not his ability. With him also two wars were waged at an interval of thirteen years, attended with greater success, for at the close he was shut up in his capital—Seringapatam—which, being stormed in 1799, Tippoo was found among the slain. Though the English did not annex the whole of Mysore, yet their power in Southern India was now fully established.

As early as 1779 the English had troubles with the *Marâthas* in connection with the Island of Salsette, which had been occupied by the former. After the disgraceful retreat of one English army, and the glorious success of another in defeating forty thousand *Marâthas* at Ahmedabad, the war closed without any special advantage to either side.

No sooner were affairs in Mysore settled than General Wellesley (afterwards Duke of Wellington), was called to defend the territory of Hyderabad, whose ruler was in alliance with the English, from a threatened invasion of the *Marâthas* under two of their princes. He utterly routed them in the famous battle of Assaye, in Berar, in the year 1803, though opposed

by six times his number. Lord Lake, after taking Aligurh, commanded by a Frenchman, proceeded to take Delhi, where he captured nineteen thousand men, among whom were five French officers in the service of the Marâthas, and afterwards gained a decided victory in the Deccan. After other victories and a dreadful disaster in the Mokuundra Pass, in which nearly the whole of one of their armies was surprised and cut up, the English made peace with the various Marâtha princes. This, however, lasted only a few years, when, in 1817, Baji Ras, the Peishwa of Poona, attacked the English troops stationed at Kirkee, near by, but was signally repulsed, though his forces were twenty-five thousand against two thousand eight hundred. A few months later he met with a similar repulse at Koregaum, though there were less than one thousand opposed to his twenty-eight thousand.

In 1818 the Râjah of Nagpore made a similar attempt to rid his territory of the English, which was attended with similar results; though Nagpore was not annexed for nearly forty years, while Poona was annexed at once and the Peishwa pensioned and sent to Bithoor near Cawnpore.

In 1823-24 the king of *Burmah* was chastised for his presumption in invading English territory on his borders, the wooden forts at Rangoon were taken, his capital at Ava threatened, and he compelled to give up several small provinces.

In 1851-52, for similar obstinacy, an army was sent against Rangoon and other places until the king

sued for peace and surrendered all the territory now included in British Burmah.

In 1842-43 the Ameers of *Sindh*, having without cause attacked the British Resident at Hyderabad, were defeated in two battles by Sir Charles Napier, and their country annexed.

The bloodiest battles fought by the English in India were during the *Punjab* wars with the brave Sikhs, commanded by French and Italian officers. They were, however, in 1845-46 defeated in four battles, though greatly outnumbering the English. The work of subduing the *Punjab* was completed in the second war in 1847-51, though with fearful loss of life at the bloody battle of Chillianwala. The whole country was then annexed, but Cashmere was given to the Sikh chief Golab Singh.

In 1854-56 a number of annexations took place under the administration of Lord Dalhousie as follows: *Four districts* of the Nizam of *Hyderabad*, the revenues of which to go to the support of contingents kept in his territory; the kingdom of *Nagpore*, the Rájah having died without heir; and *Oudh*, because for half a century it had been very badly governed.

MUTINIES, ETC.

It is not to be supposed that all this conquest of a great land by a trading company with its headquarters thousands of miles away was accomplished without a great deal of opposition within its own territory as well as beyond.

We have already seen that at an early period they employed native troops in addition to those of the native princes with whom they were allied. After the conquest of Bengâl and the defeat of many Nâwâbs, and even the Mogul emperor himself, many of the native troops were disposed to mutiny, but several of them being blown from the mouth of cannon, the rest returned to duty and fought bravely.

But a more serious mutiny occurred at Vellore, in Southern India, in 1807, when the Sepoys massacred all their officers and most of the English soldiers at hand. The few remaining European troops, however, succeeded in defending themselves till relief arrived, when quiet was speedily restored. This outbreak had been precipitated by the order forbidding them to appear on parade with Hindu marks on their foreheads, and requiring them to cut their hair and mustaches in a particular fashion, and to wear a turban resembling an English hat, by which they conceived their religion to be interfered with. Since then no such interference has been allowed.

At the same time as the Vellore revolt mutinies broke out at Secunderahad and a few other places, but they were speedily suppressed.

Soon after, however, a mutiny broke out amongst the European troops at Madrâs chiefly on account of the abolishing of the "Tent Contract," by which an allowance had been made for supplying the men with tents.

But the great mutiny which filled not only India

but all the civilized world with horror, occurred in 1857. The immediate cause was the introduction of Enfield rifles, the cartridges of which were made smooth with grease, which they reported among themselves to be the fat of the pig and the cow, the former as great an abomination to the Mohammedan as the latter to the Hindu. The remote cause, however, no doubt, was the discontent among the people caused by the various changes in government and annexations, which they fancied were intended to stamp out their religions in order to make way for Christianity.

It first showed itself near Calcutta; but the first actual outbreak was at Meerut, on the 10th of May, when three native regiments rose in revolt, butchered all the Europeans, men, women, and children, they could find, and fled to Delhi, where, joined by other mutineers, they repeated the same scenes of murder and plunder, proclaiming the aged descendant of the Great Mogul king of Delhi.

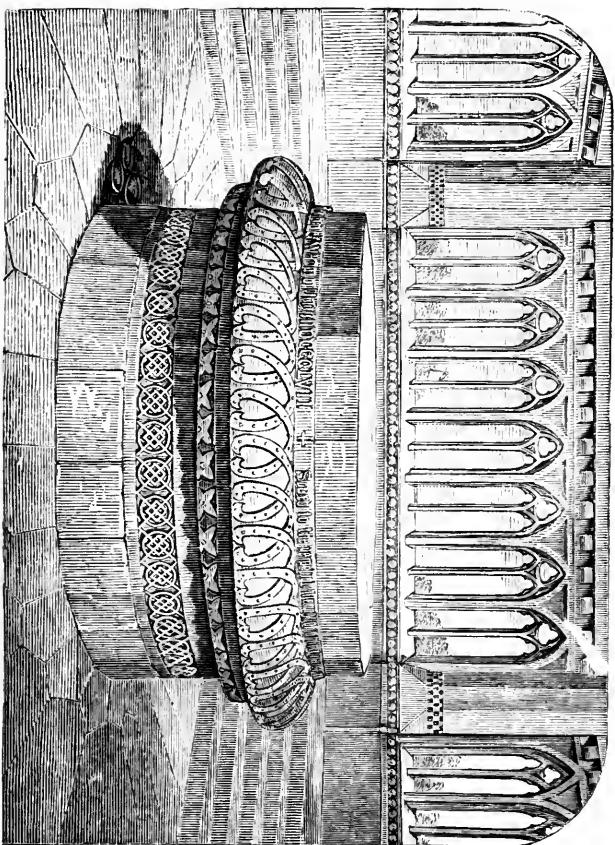
At that time there were but a few thousand English troops in India; but in a few months they had arrived from every available quarter, until they numbered eighty thousand. Though greatly hindered by cholera, they soon retook Delhi. Meantime, however, the defection had spread largely over India; but by the vigilance of the government actual revolt was prevented in Central and Southern India and the Punjáb. In Bombay the conspirators were arrested, and blown from the cannon's mouth.

The most horrible event of the whole mutiny was

the massacre at Cawnpore, on the 15th of July, of a large number of Europeans, mostly women and children, by orders of Nana Sahib, the adopted son of the pensioned Peishwa of Poona, who had sworn by Ganges' water (their usual form of oath) to protect them and furnish them with boats to proceed to Allahabad. His soldiers refusing to perform the awful deed, he sent for the Mussulman butchers of the city, who, after dispatching them, threw their bodies, dead and dying, into a well.

General Havelock, who had defeated the rebels at Futtepore, hastened on to Cawnpore, but was too late to save his countrymen. Though it was now the rainy season and cholera was prevalent among his troops, as soon as he could get re-enforcements to his small force he fought his way through the enemy to Lucknow, where the people had already sustained a siege of eighty-seven days. But even after his arrival the English force was only two thousand strong, and the rebels had flocked together from all parts to the number of eighty thousand, so it was impossible to remove the women and children, sick and wounded, who numbered nearly one thousand; and thus the siege continued till re-enforcements arrived. They were then taken to Allahabad, and General Havelock died the day of the final relief.

It was not, however, till March 19, 1858, that Lucknow was taken from the rebels by storm, which practically closed the mutiny. Some of the mutineers fled with Nana Sahib to Nepál, some were captured



SHRINE AND MONUMENT BUILT OVER THE DEATH-WELL.



and transported, while the leaders, as far as found, were executed. But the greater part of them were pardoned, losing, of course, their service in the army.

The Pindarees (robbers) caused great trouble in 1815-17, overrunning a good part of Central India, robbing and plundering, and leaving behind them more than three hundred villages in ruins, until, a large army having been collected against them, they were scattered and driven into the mountains.

In 1816 Nepál was chastised for infringing on the company's territory, some of the fierce hill tribes having been guilty of deeds of plunder and murder.

In 1838-42 it was deemed advisable to send an army into Afghanistan to assist in settling disputes there, which threatened the safety of the north-western frontier. Having occupied Kâbûl, the Afghans raised an insurrection, killed many of them, and ordered them away; but in the disastrous retreat they suffered so much from the weather and the enemy that, out of the five thousand soldiers, only one got through in safety. This dishonor having afterwards been wiped out, the British gave up Afghanistan, and returned no more till a similar war, for a similar purpose, with a very similar result, occurred in 1878-80.

In 1868 twelve thousand men under Sir Robert Napier were ordered from India to chastise King Theodore of Abyssinia for the ill-treatment of British subjects in his territory. This they succeeded in doing after a long and wearisome march over an inhospitable country, finding the king among the slain at his capital.

While this book was in preparation, troops embarked from Bombay to assist in the protection of the Suez Canal and the settlement of Egyptian affairs.

Thus, though India is the brightest jewel in Britain's diadem, yet it entails no little vigilance and responsibility.

2. GOVERNMENT.

UNDER THE COMPANY.

The charter granted to the company by Queen Elizabeth on the last day of the sixteenth century was purely for trading purposes, and that it should ever rule a state in India was farthest from the thoughts of all. Surat was at first the most important British factory; but in 1653 Madrâs was created into a presidency, to which Calcutta was subject till 1715, when it was made the independent presidency of Fort William. In 1662 Charles II gave the company permission "to make war and peace on the native princes." After the two companies were consolidated into one in 1702, it was controlled by a court of proprietors, consisting of all the shareholders who held £500 stock. They met annually, or oftener, and elected twenty-four from those of their number, whose stock was not less than £2,000 (six to retire yearly), who constituted a court of directors for the management of the company's affairs.

When led on by avarice and ambition to mix up in the quarrels of native princes, they required soldiers, the first of whom were made up of advent-

urers, liberated convicts, and deserters from European armies. As the power of the company increased, natives entered the service, induced by the pay and pension offered, but all under English officers. At first these officers were poorly paid, but had many opportunities for trading, whereby some of them amassed fortunes. Clive, seeing the evil of this, recommended better pay and the forbidding of all officers of the company to engage in private trade, which was carried out under Warren Hastings. When he was appointed governor-general he had four members of council to assist in making laws. Cornwallis introduced into Bengál the Zemindari system, in which the collectors of revenue were looked to by the government as landowners, and they in turn considered the cultivators as their tenants. Elsewhere the Ryotwari system prevailed, in which the cultivators were looked upon as tenants of the State, leaving no room for the cupidity and injustice of a middle party.

In 1813 the company was deprived of the right of exclusive trade with India, and twenty years later of trade altogether, and could no longer govern, even, without the sanction and continual interference of the supreme government. In 1858 the British Parliament transferred the government of India to the queen of England. Thus ended the East India Company as a ruling power, though its property was left untouched.

UNDER THE CROWN.

Most of the company's officers, civil and military, accepted office under the queen to assist in the government by their experience in Indian affairs. The home government of India is vested in a secretary of state, who is a member of the English cabinet, and is assisted by an under secretary and a council of fifteen members. The Indian executive government is administered by the viceroy or governor-general appointed by the crown, and acting under the control of the secretary of state for India. He is appointed for six years, and is assisted by a council of five ordinary members, three appointed by the secretary of state and two by her majesty's warrant.

British India is divided into the three presidencies, Bengál, Madrás, and Bombay, the latter two having governors appointed by the crown and assisted by executive and legislative councils, who communicate directly with the home government, except on very important matters. Bengál Presidency includes the lower provinces, the north-west provinces, and the Punjáb, each under a lieutenant-governor, appointed by the governor-general, subject to the approval of the secretary of state for India. Oudh, Assam, the central provinces, and British Burmah are under chief commissioners, appointed by the Indian Government. All the governments of India are split up into provinces, over each of which a commissioner is placed, and these are subdivided into districts under a judge and collector.

In those known as regulation provinces justice is administered and the revenue is collected according to fixed methods. In non-regulation provinces these are modified, as occasion may require, by legislative enactment. Resident political agents are appointed by the British Government at the courts of native princes. The Covenanted Civil Service is composed of those who have passed the competitive examination required in London, whose duty is to conduct the general administration in the Indian provinces. The Uncovenanted Civil Service appointments are made by the authorities in India. Many of the large towns have municipal governments; but very little has yet been done toward self-government in India.

On the 1st of January, 1877, Queen Victoria, to show her appreciation of the respect shown to her son, the Prince of Wales, during his visit to India, had herself proclaimed "Empress of India."

ARMY AND POLICE.

Just previous to the mutiny in 1857, the army in pay of the company comprised about twenty-four thousand royal troops (lent to it and paid for by it), eighteen thousand European troops, raised and drilled by the company in England, one hundred and eighty thousand native regulars, and sixty thousand native irregular horse—making about two hundred and eighty thousand in all. Such regiments as had remained faithful were transferred from the service of the company to that of the queen, those who wished being allowed

to retire. In 1861 the Indian army was reorganized. The English portion is a part of the queen's general army, and takes its turn serving in England and the colonies, but is paid out of Indian revenues. The native portion is managed wholly in India; but during the late war between Russia and Turkey some were sent for service to Malta, as was the case previously in Abyssinia, and very recently in Egypt. The present force in India, exclusive of the native States, is about one hundred and ninety thousand, of whom sixty thousand are English.

India is divided into three military divisions, named after the three presidencies—Bombay, Madrás, and Bengál. The English troops are stationed chiefly in the Punjâb and along the valley of the Ganges.

The police force in India consists of one hundred and ninety thousand constables or regular policemen, very nearly the same number as the army, and, in addition, the village watchmen, who assist them. The age of admission is from seventeen to twenty-one. Each district has a jail and police superintendent, and the districts are grouped for police purposes into circles, under deputy inspectors-general, while the whole police force in each province is under an inspector-general.

REVENUE.

The total annual revenue of India is about six hundred and twenty millions of rupees, of which about three hundred millions are from land, one hundred and twenty millions from opium (of which the government

• has the monopoly), ninety millions from salt, forty millions from stamps, thirty millions from spirits and drugs, and four millions from customs, which latter, with few exceptions, have just been done away with, throwing all the ports of India open to free trade. From this it will be seen that the land-tax constitutes nearly half of the whole revenue. The government has always been considered as the owner of the soil, and the cultivators pay a rent or tax, in collecting which different systems have been followed in different parts; as, the Zemindari, Ryotwari, and village settlements, of which the latter is the oldest and simplest. Each village (corresponding to township in other countries) was regarded as a separate municipality, which was assessed by the government at a particular sum, for the payment of which the head-man (patel) was held responsible, and as long as this was duly received the government did not interfere. This left the whole of the distribution and collection to the village authorities, and as far as it was done fairly and wisely it was a good specimen of self-government. The Zemindari system introduced into Bēngāl affords opportunity to the land-owners for extortion, to prevent which has required great vigilance on the part of the government. The Ryotwari system in Bombay and Madrās is, no doubt, the fairest, where each cultivator is responsible to the government for the payment of his taxes. In 1871 there was created a new department of revenue, agriculture, and commerce, which has charge of all questions of land revenue and settlements, works of

agricultural improvement, silks, and fibers, forests, commerce, trade, and industrial arts.

NATIVE STATES.

One-fifth of the population of India and nearly two-fifths of the territory are under a large number of native rulers, mostly Hindu rājahs, though the most important of all is Hyderabad, under the Mohammedan Nizam (regulator). In the capitals of the largest of them, in addition to the British resident, a detachment of British troops is stationed, and each prince has a small army of his own, under his own control, but in some cases officered by Europeans and Indo-Europeans. These troops are merely for show and the protection of their own borders; for they are not permitted to wage war or take their troops beyond their own territory, though some of them rendered valuable assistance during the great mutiny. They collect their own revenue and manage their own internal affairs, without any interference from the British, unless there are complaints of injustice or oppression, as was the case a few years ago against the Gaikwar of Baroda. In this case an investigation was made, he was remonstrated with, and allowed time to reform. Instead of this, however, he got worse and worse, until he attempted the life of the resident (as was proven, though not admitted by all the commission who sat to try him), since which time he was kept as a state prisoner until his death, not long ago. As he was childless, the widow of his predecessor was allowed to

adopt a son, who has been placed on the throne. During the long minority of the maharâjah of Mysore the state was under a British commissioner, but it has been restored since he attained his majority, he having been under an English tutor all the time.

As far as possible, infanticide, suttee, and slavery have been put down in these native states, though no doubt slavery still exists in some of them; for not long ago a Mohammedan of Bombay was convicted of having a slave in his possession, whom he claimed he was transmitting to the Begum of Bhopal. A number of slave dows have been captured on the Indian Ocean at different times, and the poor Africans provided with homes in Bombay or in mission orphanages; and it was from these that Dr. Livingstone got his attendants when he embarked from Bombay on his last expedition of discovery. This slave-trade, however, is carried on by Arabs, who not unfrequently run up the French flag to prevent being searched. Thus, though it is difficult to smuggle them into India, yet it is sometimes done.

Nepâl and Bhotan are independent native states, but influenced more or less by the proximity of the English.

In addition to these states, the French still hold Pondicherry, Karikal, Yunan, Chundérnagore, and Mahe, and the Portuguese Goa, Damân, and the island of Din—together about thirteen hundred square miles and six hundred and seventy thousand population.

3. COMMERCE.

ROUTES TO INDIA.

The discovery of the passage around the Cape of Good Hope gave a new impulse to the commerce, not only of India, but of the world. The "ship of the desert," by which produce had been carried across the Asiatic continent for many centuries, was then exchanged for the great sailing vessels, which were soon plowing the main through all the East, and especially the Indian Archipelago; and though the *East India-man* was expected to be absent on its voyage two or three years, yet when it did return, its valuable cargo amply repaid its owners, and enriched the world. About 1850 the use of steam, with convenient coaling stations, expedited matters so that the voyage to India could be made in sixty days, or about half the time of a sailing vessel. Meantime, however, the overland route across Egypt in Nile-boats and carriages had been opened up, so that Calcutta could thus be reached in forty days. This, however, was available only for passengers and light freight, which could be easily transhipped from Alexandria to Suez. The Cape route continued to be the great highway between the Eastern and Western worlds until the Suez Canal, that great thoroughfare between the continents, was opened in 1869. It marks an era in the world's history; for by it the commerce of the world has been revolutionized, though still there is a great trade with India carried on around the Cape. Especially is this the case with

Calcutta; but the shipping with which the harbor of Bombay had been studded, with the exception of here and there a sail, soon cleared out. The usual time for a steamer through the canal from Liverpool to Bombay (the present commercial metropolis with the only docks in India) is thirty days. This, however, is shortened one-third by crossing the continent of Europe instead of proceeding around by Gibraltar, and affords great facility for the speedy transit of small orders, which may be filled between Bombay and London in three weeks, or Bombay and New York in about four weeks.

STEAMSHIP LINES.

When the monopoly of trade was taken from the East India Company numerous shipping companies sprang into existence; and, indeed, before that the great passenger traffic between England and her Eastern possessions had called forth competition. The oldest line in operation now is the Peninsular and Oriental Company's, which, for a long time, has carried the English mails to and from India, China, and Australia, for which purpose it gets a handsome subsidy, and hence has a large number of the best steamers plying weekly, alternately through the canal, and connecting with the railway across Egypt, until the late outbreak there put a temporary stop to the latter.

The British India Steam Navigation Company carries the mail weekly to Kurachee, and around the coast to Calcutta twice a month. It has lately started a fortnightly line from Kurachee to England for the

accommodation of those belonging in Sindh, the Punjâb, the north-west, and even as far as Calcutta, thus affording considerable competition to the Peninsular and Oriental Company.

The Italian Steam Navigation Company runs a monthly line between Bombay and Genoa and Marseilles. The only through line to America is the Anchor Line, which runs fortnightly between Bombay and New York. There are other lines, but they do not run regularly; and, in addition to all these, thousands of native craft coast the whole of India, carrying on a large local trade, and also some with neighboring nations. The reduction within a few years of rates on these lines, both for freight and passenger traffic, has been almost equal to the reduction in the time. Forty years ago the rates for single passengers from England to Madrás by way of the Cape was eight hundred and twenty-five rupees, or overland one thousand rupees. Now the rates of the Peninsular and Oriental Company are, first-class, six hundred rupees, and second-class, four hundred and fifty rupees, with return tickets available for three months at a little more than one fare and a half. The rates of the Italian line to Messina, Naples, Leghorn, or Genoa are, first-class, five hundred rupees, second-class, three hundred and forty rupees, and third-class, one hundred and forty rupees, which latter does not include food; but it can be procured on board for about one rupee a day. The rates on the Anchor Line are, to Liverpool, five hundred rupees; to New York, six hundred rupees. On all

these lines are doctors and stewardesses. If one is hard up, as is sometimes the case, he might go through third-class to England for two hundred rupees, and from there to America, steerage, for another fifty rupees, or about one hundred dollars at the present rate of exchange.

INLAND COMMUNICATION.

If facilities for commerce without have been greatly increased during the past few years, much more is it the case within the country. The first railway was opened twenty miles from Bombay to Tanna in 1853; now there are about ten thousand miles completed, at a cost of twelve hundred millions of rupees, and another thousand in course of construction. The longest line is the East Indian, from Calcutta to Delhi, with a branch from Allahabad to Jubbulpore, altogether fifteen hundred and four miles. The second is the Great Indian Peninsula Railway, from Bombay to Jubbulpore, Nagpore, and Raichore, twelve hundred and seventy-eight miles. All the principal cities are connected by rail, and all the great agricultural and mining districts are being opened up to commerce by its means. The carrying of the Great Indian Peninsula Railway over the Western Ghâts was a wonderful feat of engineering. The only places for wagon-roads over these mountains for two hundred miles are the Bhore and Teell Ghâts, over each of which the railway has been carried. Though only half as high as the Sierra Nevada Mountains in California, over which the

Pacific Railway passes, yet the maximum gradient here is one in thirty-seven, while there it is only one in forty-five. On the other hand, the shortest curve here is nine hundred and ninety feet radius, while there it is only of six hundred feet radius. The length of tunneling on the Bhore Ghât in a distance of sixteen miles is nearly one and a half miles, comprised in twenty-five tunnels.

Besides railway communication some of the large rivers are navigable for light vessels, and some of the canals also are available for commerce, though intended mainly for irrigation purposes.

Long before the railway was introduced excellent metal roads had been constructed through the country. Grand trunk roads extend from Bombay to Calcutta, Madrâs, and Agra, and from these numerous trunk roads lead from the various cities and towns, so that land communication is now possible all over India, even during the rains. The stone for these roads is found generally convenient and of a good quality. For keeping them in repair toll is levied.

EXPORTS.

England affords the principal market for Indian produce, except opium, which goes to China. Cotton is the most important export, reaching to about one hundred and fifty millions of rupees annually. During the civil war in America, when the supplies of cotton from the Southern States were cut off, the export from Bombay alone reached three hundred millions of rupees. This gave rise to the most enormous

speculation, not only in cotton, but in almost every thing. Millionaires were made in a few months by trading in stock of various kinds. This, of course, was followed by an awful crash at the close of the war, when men woke up to find their stock, which had been at five hundred or six hundred per cent premium in some cases below par or worth almost nothing. Thus mushroom millionaires became beggars, coming down as fast as they had gone up.

In regard to opium, none can raise it without a license from the government, which then charges a transit duty of six hundred rupees a chest, making the revenue nearly equal to the actual cost. The rich fields of Malwa and the Ganges Valley are devoted to its culture. Next to these the most important exports are grain, jute, indigo, seeds, hides, tea, coffee, silk, wool, and saltpeter, to which may be added pepper, betel nuts, teak timber, tobacco, drugs, dye-stuffs, sugar candy, cocoa-nut oil, cochineal, coir, wax, ginger, tamarinds, talc, and shawls, amounting annually to more than six hundred and fifty millions of rupees for the whole of India, and weighing eight hundred thousand tons, carried by more than six hundred vessels of various sizes.

IMPORTS.

The value of imports is about five hundred millions of rupees annually, the principal being cotton goods about two hundred millions, treasure about one hundred and twenty millions, metals manufactured and unmanufactured about twenty-five millions, and salt

ten millions. The next important are liquors, silks, woolens, and coals, to which may be added hams, cheese, glass-ware, books, paper, hats, carriages, horses, furniture, etc. Though two thousand years ago India was called the grave of the precious metals, yet vast quantities of treasure are still imported annually. Notwithstanding the large amount of cotton goods manufactured in the country, yet the value of that article imported exceeds the value of the raw material exported.

CURRENCY.

In British India accounts are kept in rupees, annas, and pies, sixteen annas making a rupee and twelve pies making an anna. The coins are rupees (value two shillings sterling or forty-eight cents in United States money), half rupees, quarter rupees, and eighth rupees in silver. The copper coins are one-half, one-quarter, one-eighth, and one-twelfth of the anna. In bazaars in the country smaller accounts are kept by cowries (small sea-shells), of which it takes in Poona eighty to make three pies, the value of a pice. The currency of India is mostly silver, for coining which there are several mints in the different presidencies. Since 1861 government notes are issued of values ranging from five to one thousand rupees, redeemable in silver only, there being no gold in circulation. This being the case, for several years there has been a depreciation in the currency, which is to be borne in mind in all calculations. Thus the commercial value of the rupee is only about one shilling, eight pence, or

forty cents. Large amounts are calculated by laks (one hundred thousand) and crores (ten million), so that a crore of rupees is one million sterling, not allowing for exchange.

4. MANUFACTURES.

COTTON AND SILK GOODS.

Notwithstanding the large amount of raw cotton exported from India and cotton goods imported there is no inconsiderable quantity manufactured in the country, and though it is largely in the hands of natives, yet as to the introduction of machinery, which has in a great measure superseded the hand-loom, it is wholly adopted and not indigenous. The first cotton press was put up at Surat in 1684, but it was not till 1854 that the first spinning and weaving mill was begun in Bombay. Now there are about fifty in the Bombay Presidency, with a capital averaging about one million rupees, running thirteen thousand looms and a million and a quarter of spindles, which spin daily about two hundred thousand yards of yarn, nearly half of which is manufactured into cloth. About two-thirds of these mills are in Bombay alone, which aspires to compete with Manchester itself, not only supplying in a great measure the home demand, but doing something in the way of exporting. Though the other presidencies, not being so convenient to the great cotton fields, have not developed this industry to the same extent, yet they have a number of mills in operation. These mills, though so largely owned by

natives, are under the supervision of skilled European mechanics, a manager, weaving master, spinning and carding master and engineer. In these mills are on an average one thousand native employés, eight hundred being men, one hundred women, and one hundred boys and girls.

It can not in so great a degree be said that machinery has revolutionized the silk manufacture, though there are some mills engaged in that business. One very interesting feature is the gold and silver thread woven into the cotton and silk goods, and also used for embroidery. This is drawn out so fine that a rupee's worth of silver makes nearly eight hundred yards of thread.

IRON MANUFACTURES.

As in the cotton so in the iron business there has been a great impetus received within a few years, though for the most part the metal is still imported from England. In the large cities almost every description of iron work can be manufactured except machinery, and even that branch is looking up. Light plows, harrows, cultivators, clod-crushers, drill and broad-cast sowing-machines, lawn-mowing machines, scythes, sickles, thrashing and winnowing machines, pumps, watering-pots, water-raising machines, lathes, corn-shellers, cotton gins, chaff cutters, grain grinders, oil and sugar mills, etc., are manufactured in various parts; but yet this branch is in its infancy. In the various foundries castings of all kinds up to ten tons

are turned out, of every kind of iron bridge and roof work. The different railway companies make all kinds of iron and brass fittings, and all their rolling stock except engines (one of which even was made for the exhibition in Bombay a few years ago), employing a large number of European artisans and foremen.

CARRIAGES.

Though still many carriages are imported, yet there are manufactories, mostly under European supervision, turning out good and substantial work, only inferior in elegance to the English. The most common of closed carriages are Broughams and shigrams, a kind of oblong box on wheels with sliding doors and depression for the feet, drawn by one horse. Of open carriages the most common are phaetons, mail phaetons, and chariots drawn by two or four horses; dog carts, with two wheels and two high seats for sitting back to back; the tonga, similar, only with movable hood, and usually drawn by two ponies, mainly for country use. The buggy is also a two-wheeled vehicle, with hood and one seat, except in some cases a small one in front just sufficient for the driver. The nearest approach to the American buggy or "spider wagon" is the Victoria, the second seat of which, however, is behind the hood, and usually occupied by the coachman while the master drives. A few hansom cabs are in use. They are two-wheeled, with hood and very low seat, the driver sitting perched up behind.

MISCELLANEOUS.

A number of circular saw mills have been set up in India and Burmah for the manufacture of teak, pine, and other lumber, and, notwithstanding the cheapness of country whip-sawing they do a good business where the timber is plentiful.

The German missionaries at Mangalore have introduced the manufacture of an improved pattern of tiles, large, flat, and well-jointed, for which they get good sale for government and other buildings.

About the time of the great mutiny a good business in making army accouterments was begun in some parts of the country. In Cawnpore a good article of English harness and saddle is manufactured, as also portmanteaus. A few European boot and shoe makers do a good business in the large cities, but country shoes, which are about as serviceable though not so elegant, are purchased for less than half the price.

Some watchmakers and jewelers keep shops, but their work is largely repairing and selling European manufactures.

At Shahjehanpore is a sugar refinery, that turns out a fair article of sugar and molasses.

A few flouring-mills are in the hands of Europeans, besides those in connection with government bakeries, all of which manufacture excellent flour-bread and biscuits.

For many years India depended on America for ice, but now factories have sprung up over the country, furnishing it cheaper than the American article.

5. OTHER IMPROVEMENTS.

IRRIGATION.

The greatest internal improvement next to the railway is the system of irrigation works, consisting of canals, tanks, and wells, made necessary by the frequent recurrence of famines in the land. Many of them have been constructed during the times of famine as relief works, where thousands of people have found employment and support. The Great Ganges Canal takes off about one third of the water of the river at Hurdwar, where it issues from the mountains and distributes it over a vast extent of territory. The whole length of the canal, including branches, is about nine hundred miles. The Bari Doab Canal in the Punjâb, four hundred and sixty-five miles in length, is converting desolate sandy wastes into smiling fields. The water works at Poona consist of a lake or large tank formed by a bund or dam opening into the canal, which not only supplies the city with pure water, but extends many miles into the country for the purpose of irrigation. Bombay and other large cities are supplied in the same way. Anicuts or dams have been constructed across the large rivers of Southern India, thus affording water for large districts.

DRAINING AND LIGHTS.

Nothing has been so calculated to diminish the death-rate in India as the drainage in the cities and sanitary and police regulations at the large melas,

where sometimes a quarter or even half a million of people congregate. To get an idea of what an Indian city would be if left to the people themselves, one needs but to go into the purlieus of London or New York, and divest them of what sanitary regulations may be still carried out. It has been no small task of the government to reduce this matter to system, nor can they flatter themselves that they have as yet succeeded in every particular. They found the cities so crowded, and the streets so narrow and crooked, and the sacred places so frequent, that it was very difficult to construct sewers or surface drains through them. A greater task still was to educate the very low classes to habits of cleanliness. Considering all these things, they have succeeded wonderfully well, as also in the supply of good water, which some of the people considered too great an innovation, and to this day refuse to avail themselves of it.

Even native states have caught the inspiration, and have undertaken to improve their capitals at least, draining and sprinkling the principal streets where not metaled. At the same time the abundant supply of American kerosene, less than one-half that of coconut oil, affords a tolerable light. Many of the large cities under English control, however, have gas-lights; and for lighting the new docks in Bombay harbor the electric light has been introduced, making business almost as easy by night as by day.

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LABOR-*SAVING* MACHINES, ETC.

Notwithstanding the exceeding diffidence of the people in getting out of the old grooves, many modern improvements are gradually finding their way into the country, and even the prejudices of the most conservative are giving way. They declared the gods would never admit the steam-engine and railway, and especially that the sacred Ganges would never suffer itself to be bridged. Now there is not one that will not avail himself of the railway; and even those who go on long pilgrimages for merit find the railway a convenient help in getting righteousness, showing that they never had any very great confidence in their works and austerities. Even caste is not a sufficient barrier, and the most orthodox are giving up in despair.

In almost every tailor's-shop may be seen one or more sewing-machines, and some not very bad imitations of sewing-machines have been manufactured in the country.

American plows have been introduced by missionaries in some cases; but, being too heavy for their oxen, they have adopted lighter ones on the same model, though they are still very rare. It is questionable, however, whether the peculiar circumstances here will ever admit of the cultivation of Western countries.

Pianos, harmoniums, American organs, concertinas, violins, and other musical instruments, besides being in Europeans' houses, are gradually finding their way into the native community.

The most respectable and wealthy affect lamps, crockery, glass-ware, carriages, etc.

MAILS AND TELEGRAPHS.

Cheap postage is one of the greatest boons of India, and it is doubtful whether it is as cheap in any other country. Between any two offices in British India letters are a half-anna, or three-fourths of a penny, and post-cards a quarter-anna, or three-fourths of a cent. On all the railways they have their mail once or twice a day, and in nearly every large village once or twice a week. Packet or book post is four ounces for a half-anna, and sealed parcels, value payable or otherwise, eight ounces for four annas. Letters to England are four annas and a half to the half-ounce, and to America the same, or, if not through England, three annas per half-ounce, and even that is higher than from America here—five cents to the half-ounce. Book or pattern post to England or America is one anna per two ounces, newspapers one anna per four ounces. Post-office money-orders are sent, both in India and across the sea, at moderate rates. The English mail comes and goes weekly, the shortest time from London being fifteen and a half days, and from New York twenty-four days. With a little more improvement on this side, and good connections in England, we may expect it from London in fourteen days, and from New York in twenty-one, or only two days less than is expected by the proposed trans-continental railway.

India is in telegraphic communication with the ends of the earth, there being three lines between here and England, one to Australia, China, etc., and eighteen hundred miles of telegraph line in the country. For eight annas per six words a message may be sent between any two points in British India, or, to secure greater dispatch, one rupee, or greater still, two rupees; to England it is two rupees, eight annas, or two rupees, twelve annas per word.

6. INTELLECTUAL ADVANCEMENT.

If the mental advancement of India under the British has not kept pace with the material, it is due to two facts. One is that, until recently, the government has not waked up to its duty in this regard, being impelled, more or less, by sinister motives in their intercourse with the people; and the other, that the people themselves, naturally sluggish, have required a long time to appreciate the importance of education. It may, however, now be said with truth that the dark ages of India are passing away, and the people are at least beginning to arouse themselves to a new life. This is saying a good deal when it is remembered that, instead of progressing at all, the country had been retrograding for many centuries. But even now it is estimated that only one in twenty throughout the country can read and write, and only here and there a female can read, out of the one hundred millions who are of sufficient age.

After all, it is no doubt self-interest that lies at the

bottom, in most cases, very few seeking education for its own sake, though exhibiting a commendable zeal and sacrifice to obtain it; some, as the story goes, tying their top-knots to nails to keep from nodding while studying at night.

SCHOOLS AND COLLEGES.

The government were just arousing themselves to establish schools, when the mutiny of 1857 greatly impeded their efforts. One great difficulty at the outset was caste, the Brahmins and higher castes not only forbidding their children to associate with others in school, but exerting themselves to keep others away. This is still a great drawback in some places, and the authorities in some cases have connived at it, establishing schools for the different classes, which adds much to the expense. They endeavor to keep up at least one school in every considerable village, free or with only a nominal fee; so that now, altogether, they have more than 1,300,000 pupils, which cost more than twelve millions of rupees annually, or nearly ten rupees per scholar. A few of these are girls' schools, with female teachers prepared in normal schools. The teachers pass an examination according to their grade, and must teach no religion, which means, teach not the Christian religion. One director got out a complete set of government books, in which he boasted that he had weeded out every trace of Christianity. Other schools get grants in aid from the government on different plans.

There are just fifty colleges in India, thirty-one of them under the state, and the other nineteen belonging to missions, but receiving aid from the state. Among these are colleges of science, law, and medicine, as well as arts, to maintain which entails a cost, in one case at least, of five hundred rupees a pupil per annum. These do not confer degrees, but prepare for them to be conferred by the presidency universities, just as English universities do. Last year the three universities conferred degrees as follows: Bachelor of arts, 303; master of arts, 20; bachelor of laws, 60; licentiate of civil engineering, 28; and licentiate of medicine and surgery, 95. Besides these, 3,150 passed the matriculation examination, only a few of whom continued their studies. Besides government schools, there are a large number of mission schools and a few private ones, English and vernacular receiving, in nearly every case, some State aid.

A commission was recently in session to devise means for increasing the number and efficiency of the common schools, it having been found that in many cases giving a higher education has increased the burdens of the state, as the students demand situations according to their attainments, failing in which they complain of the government which has thus unfitted them for lower positions. Such is the public spirit of young India.

LIBRARIES AND MUSEUMS.

Circulating libraries and reading-rooms are maintained in every considerable European station. The

government supply such libraries for their soldiers and many of their servants in the telegraph and other departments. This example, too, has been followed by the railway companies. But, though slow in this regard, the natives are also following in the wake, and are establishing libraries and institutes for lectures in many places, some of which are open for lectures on the Christian religion, as well as science, travel, etc.

In every large center museums have been founded, or at least encouraged, by the government. Some of these will compare not unfavorably with those among Western nations. In connection with these, in some cases, are botanical and zoölogical gardens; but these will hardly compare with those in Europe and America.

BOOKS AND NEWSPAPERS.

The spread of education has begotten such a desire for reading that book and periodical publications have sprung up in every quarter and in every cultivated language, though English certainly leads the way. The vernacular publications, which in one year amounted to 3,148, are largely translations or compilations from English, while nearly all the vernacular newspapers have a page, or part of one, in the English language, and some are conducted by natives wholly in English. Each of the large cities has its daily paper, or more than one, besides a great number of weeklies and monthlies, and hardly any town is without its weekly paper. In the whole of India are, perhaps, more than two hundred and thirty vernacular periodicals, with a

circulation of nearly one hundred thousand, of which about fifteen or twenty are daily. The number of English papers is less, but the circulation, perhaps, more. Not a few of these are mortal enemies to Christianity; but many of them, of all kinds, are friendly, and a goodly number are Christian publications.

SCIENCE AND THE FINE ARTS.

In 1804 was founded the Bombay Literary Society, which was afterwards incorporated into the Bombay Branch of the Royal Asiatic Society of Great Britain and Ireland. The Bombay Geographical Society has also been incorporated with the Asiatic, making one worthy institution, with a handsome library, rich in good works of reference, and open to members admitted by ballot on payment of an annual subscription of seventy-five rupees. Another branch of the Asiatic Society is at Calcutta. Madrâs has the leading observatory and astronomer.

In the School of Art in Bombay, painting, drawing, decorating, photography, and sculpture are taught. Madrâs and other places, also, boast a school of art. A few amateur painters in oil and water-colors occasionally make a display of their skill at exhibitions of the fine arts. A few excellent photographers are followed by a host of smaller fry, who have got a glimpse of the mysteries behind the camera obscura.

Chapter V.

ANGLO-INDIAN LIFE.

1. EMPLOYMENTS.

ENGLISHMEN in India, and even after their return to England, call themselves Anglo-Indians. It does not, however, seem to be improper to include under this designation all the descendants of such, born in this country, though usually termed East-Indians, Eurasians, or Indo-Britons. They all together form a class distinct from the natives in regard to religion, customs, and employments. Of the whole class there are nearly two hundred thousand in India, of whom nearly half, including the sixty thousand in the army, are pure Europeans—a term that here takes in the handful of Americans, as well as Germans, French, and Italians.

PRIVATE OCCUPATIONS.

It was a high crime and misdemeanor for a European to be in India without an appointment or special license from the East India Company, until they were deprived of their commercial privileges, which opened the door for numerous adventurers. India, however, has never afforded a promising field for private enterprise, on account of the climate and the vast competition in every branch of industry in which natives engage. So that

now the number engaged in business on their own account is very small, comprising wholesale merchants, chemists, bankers, physicians, lawyers, civil engineers, photographers, printers, musicians, teachers, artists, contractors, hotel proprietors, and indigo, tea, and coffee planters, some of whom, especially merchants, lawyers, physicians, and planters have amassed princely fortunes; but most generally they have done no better than with the same capital they could have done elsewhere. Moreover, competition from natives is continually increasing; so ere long nearly the same state of things will exist as under the monopoly of the East India Company.

GOVERNMENT SERVICE.

Besides the many thousands in the military service, there are perhaps as many or more in the civil service, mostly uncovenanted. The heads of departments and their various branches, political, financial, judicial, educational, revenue, military, police, marine, health, medical, ecclesiastical, public works, railway, irrigation, post-office, survey, customs, etc., are filled by officers of the civil service and army, while under them heads of offices, superintendents, engineers, assistants, clerks, etc., are mostly Anglo-Indians, though even here the native is competing to such an extent that it is much more difficult than formerly to obtain a situation, and when obtained chances of promotion and a good salary are greatly diminished. The government supply a civil surgeon for every important station,

who, besides attending to the civil hospitals and dispensaries, also has a great deal of private practice.

Officers and soldiers, with additional allowances and frequent furloughs, get largely increased salaries while on duty in India; besides, those officers filling civil appointments sometimes get double their ordinary salary. The governors of Bombay and Madrâs receive more than the President of the United States. Civil servants are paid salaries in proportion to their length of service and promotion. Chaplains get five hundred or eight hundred rupees a month, according to grade. Uncovenanted civil servants are paid from about fifteen up to one thousand rupees a month, with one month a year privilege leave, on full pay, and one year furlough out of about ten on half pay.

RAILWAY AND OTHER EMPLOYES.

Next to the government service the many railway companies afford employment for the greatest number of Anglo-Indians, many of whom have been engaged and sent from England. All engine drivers, guards (as conductors are called), station masters, traffic inspectors, foreman fitters, carpenters, and permanent way inspectors were until recently supplied from Europeans and Indo-Europeans; but gradually as the natives acquire skill and win confidence they are taken on with less pay to fill some of these more responsible positions. It will, however, be a long time before the public will trust themselves altogether into the hands of natives on a railway.

To induce these men to leave England a great increase in salary and privileges is offered. In some cases engine drivers get two hundred and fifty rupees a month, which, with overtime in the busy season, is often doubled. In the increase of traffic occasioned by the famine they were sadly overworked.

The spinning and weaving mills, as has been already intimated, afford employment for a few skilled hands, but even these are being gradually supplied from the natives. Salesmen and clerks in merchants' shops are largely sent out from England for a stipulated term, during which time they agree not to marry. Besides these, however, many are taken on in this country without such stipulation.

So in one way and another there is employment for all these two hundred thousand people on at least living salaries.

WOMEN AND CHILDREN.

As a rule, it is much more difficult for women dependent upon their own efforts to find employment here than in most other countries. A few positions as teachers are open for them with moderate salaries, and a small number get employment in milliners' shops. Dress-making affords but a meager support, as native tailors do good work very cheap. A number come to this country as governesses in families, and occasionally there are calls for them to attend ladies or children going to England, and some keep boarding house, which is always more or less precarious. Add

to these midwives and the vocations available for Anglo-Indian females are about exhausted.

For girls there is absolutely nothing, and for boys the only openings are as ticket-collectors on the railway or apprentices in their shops or in arsenals. And this is perhaps the greatest drawback to rearing a family in India, though parents who appreciate their responsibilities will find something useful for their children to do, if it is only to work in the garden.

PROVISION FOR FAMILIES AND OLD AGE.

A civil servant is assured from the time of entering the service of £300 a year alive or dead (that is, if he leaves a family to receive it), and about the same is true of the military officer. All persons in government employ can retire on half-pay after about twenty-five years' service; and as a pension for the family, in case of death, in some departments a fund is provided by a compulsory setting aside of a certain per cent of the salary.

Railway companies also have, to some extent, followed the example of the government, some, if not all, having a provident fund. Besides all these, insurance companies carry on a considerable business. But perhaps a better provision is the Government Savings-banks over the country, where sums aggregating not more than five hundred rupees per annum can be invested at about four per cent interest, and drawn as required.

2. MODE OF LIVING.

In nothing else perhaps is there more vagueness among the majority of foreigners than as to how Europeans live in India, and it is hardly believed, when it is asserted, that they live here much the same as elsewhere. More particularly is this vagueness in regard to

PROVISIONS,

which, as has been amply shown, comprise nearly every thing produced in other lands as well as in this. The dishes served are very nearly the same as in England and America, with the addition of curries and a few others generally very highly seasoned, the rule being that, unless food is very pungent, bitter, sour or sweet it is insipid. The beef, mutton, and fowls are about on a par with those reared on the plains of Texas. Better pasturage and feeding of grain in special cases, as also good cooking, add to the flavor. Turkeys, geese, and ducks are good and generally obtainable. Cooking stoves were never heard of here, till recently a few have been introduced from America, but natives have not learned to use them much. Owing to the high price of wood kerosene oil stoves are more popular where a lady wishes to do her own cooking, which is very seldom. With copper vessels, sheet iron ovens, and small fire-places, one for each vessel, the want of stoves is not felt.

Large quantities of oil-mens' stores from England, consisting of anchovies, sardines, oysters, lobsters,

sausages, pickles, jams, jellies, soups, bottled fruits, etc., with hams and cheese, are consumed by the upper classes, and a vast deal of wine, beer, ale, brandy, rum, whisky and liquors of all kinds. California canned fruits are beginning to find a market here.

The custom almost universally is to have the "little breakfast," consisting of tea or coffee, bread and plantains, on rising in the morning, which is generally early in order to take the morning "constitutional," either on foot or on horseback. There is very little twilight in tropical latitudes, so if one is not speedily out the hot sun will be in advance of him. Breakfast is at nine or ten o'clock, or just in time for office, and consists of bread and butter, rice, fish, eggs, cold meats, or made-up dishes, chops, beefsteak, game, etc., with tea or coffee. Tiffin, as lunch is called, is often served at office, when it is distant, and then dinner will be after office hours, and sometimes as late as dark. Otherwise dinner is about two or three o'clock, consisting of soups, roast, boiled, stewed or broiled meats, with the inevitable rice and curry, cabbages, beans, salads, and all kinds of vegetables, and pudding or pastry for dessert. Supper is light, consisting of bread and butter, jams, and tea. It is also customary in many families to have a cup of tea in the afternoon.

Fruits of some description may be had every day in the year, many kinds yielding two or three crops, and plantains being always in season. It has passed into a proverb that fruit in the morning is gold, at noon silver, and at night lead.

WEARING APPAREL.

It is to be hoped that ere this people coming to India have had their minds disabused of the idea that it is necessary to lay in a large supply of cool clothing. If not, then be it known to all concerned that they can procure it here cheaper, more convenient and far better adapted to the climate than elsewhere. One, however, should have plenty of under-linen and changes of warm and cool suits for the long voyage, bearing in mind that there is little or no opportunity for washing, and that in almost any season of the year there may be changeable weather. A good shawl is very convenient, and may be of use by day or by night, and will also be of service in India, where a roll of bedding is indispensable in traveling. Another precaution is useful to travelers by ocean steamers, namely: To be provided with one or more portmanteaus of convenient size for holding all that is needed for the voyage, remembering that heavy trunks and boxes are put into the hold of the vessel and are not seen till the destination is reached. The great danger with intending voyagers is providing themselves with so many things as to burden themselves, just as though they were going beyond the bounds of civilization altogether; whereas, when they get here, they find just what they have brought and perhaps cheaper and better. One should have a few good books and writing material, as otherwise the voyage may be very tedious, when, indeed, there is hardly a better place for study than a large steamer on a smooth sea.

Two parts of the body require more particularly to be protected in India—the brain and the liver. For the former nothing answers so well as the pith hat, broad-brimmed, and well ventilated, though even while *en route* the traveler may be urged to buy helmets and terais (very broad white felt hats doubled), which will do somewhat for a substitute. To protect the liver natives have the girdle or they bind their clothes in thick folds about the loins; but a piece of flannel next to the body serves the double purpose of protecting the liver from the sun and the abdomen from the cold when it is damp weather. The best material for coats and trousers to wear in the sun is English duck or American drill, large quantities of which are imported. Other varieties of cotton goods, alpaca, luster, and China-silk coats are much worn. For the cold and wet weather, and for the evenings, woolen goods, as merinos and tweeds and felt hats, are used. Cloth shoes are cooler, but those of leather are mostly worn. One should always have at hand an umbrella with white cover, unless its use would interfere with work. Walking or moving about in the sun is not nearly so injurious as standing still or sitting in it. To prevent taking cold one needs to observe the changes of weather and avoid sitting in a draught of air.

Ladies wear the same kind of clothing as elsewhere, only of lighter material, when they go out in the day, as is often the case, and then, too, they have pith hats and white umbrellas. Those whose duties keep them in the heavy rain wear rubber coats, caps, trou-

sers, and long boots called "Wellingtons," which are not worn on other occasions except by officers, gaiters being the fashion for men and women.

BUILDINGS.

Generally the European quarters are quite separate from the native, and not unfrequently a mile or two intervenes. The best locality is selected for the troops wherever they are quartered, and the cantonment springs up near the barracks. The bungalows are situated so as to catch the breeze to the best advantage, and are built of stone or brick, with cement or earthen floors, wide verandas, numerous bath-rooms, as well as drawing, dining, and bed rooms. The roof is generally tile, coming down low on the sides to keep out the glare, for which purpose there are also Venetians and bamboo screens for the windows. In the hotter parts grass roofs are used or alternate layers of grass and large leaves. Also the punkha is suspended across the center of the room, where it may be pulled back and forth by a rope attached. Other thermantidotes resemble a wheat-fan, which, by turning, pumps the air into the room through a khuskus or grass screen, made cool by the constant pouring of water; otherwise the pulling of the punkha only stirs up the hot air. As might be supposed, these are not healthy, for they expose the inmates to sudden cool draughts of air. In many parts thermantidotes are not used at all, or at most only by a few of the more wealthy. Date or coir matting for the rooms is the most common, over

which there may be carpets. The furniture, of course, may be elegant and rich, or plain and common; but generally it is not very expensive.

Usually from a quarter of an acre to an acre is allowed for compound or yard, in which are the cook-room, servants' quarters, stables, carriage-house, and flower-garden. In cities good houses rent at from one hundred to five hundred rupees a month; but the matter of rent is, as that of food, nearly the same as in corresponding parts of America. Bombay and Calcutta are, perhaps, as dear places as New York, while many out stations are as cheap as country-places over there. Living is rather cheaper here because of the small quantity of clothing required, which is cheaper both as to the material and making.

The item of servants, however, is in America's favor, provided the people do their own work, which they can not well do here. Still a family can get on here with two or three servants, which will cost considerably less than a hired girl there. Some establishments have twenty or more domestics, who consume a good part of a large salary, and leave nothing at all for the women and children to do, and hence they become so helpless that they can not dress themselves. It is partly this that makes it necessary to send the children away to be educated, though some parents succeed in teaching them to help themselves here. There are good schools here especially for them, mostly under the management of the Churches; also a number of orphanages, and the colleges are available for them.

There are hotels and boarding-houses in all the cities, besides the clubs for the upper classes; but no one expects to live this way for a long time. Even bachelors prefer to get rooms and servants, and keep bachelor's hall. Occasionally bungalows may be rented furnished; but generally, when the furniture is required only for a short time, it is hired from furniture-dealers. The continual moving from station to station makes quite a business for auctioneers, and also affords opportunity for buying good second-hand furniture cheap. Commissioners, collectors, surveyors, and others spend a good part of the fair weather out in their districts, where they live in tents, moving as occasion may require, taking their servants with them. Altogether the Anglo-Indian population are itinerating, almost nomadic, very few, indeed, owning their houses or living more than a few years in a place.

In this connection it may not be out of place to take a glance at the public buildings which have been erected by the English in this country, and which compare in elegance and richness, if not in massiveness, with those of England. Calcutta is called the "city of palaces," at the head of which must stand the residence of the governor-general of India, which, like most of the residences of that city, partakes largely of the neat airiness of modern American architecture.

Next to the government-house are, perhaps, the Bishop's College and cathedral of St. Paul, which cost half a million of rupees; then come Metcalfe Hall, containing an extensive library, etc., the custom-house,

the mint, the bank of Bengâl, and the medical college. Bombay has just completed a list of public buildings which will compare well with any other city, including the secretariate, the university senate hall and library, with clock-tower, the high court, public works offices, post-office, telegraph office, Sailors' Home, and high-school, to which should be added St. Xavier's College, Elphinstone College School of Art, and St. John's Memorial Church.

The government-house near Poona, to which the botanical gardens are attached, cost nearly a million of rupees. Madrâs boasts the Madrâs College, medical college, orphan asylum, Memorial Hall (to commemorate the escape from the mutiny), etc. Allahabad has, besides other splendid buildings, a handsome and commodious high court. The public buildings of the Mysore Government are at Bangalore, commodious and beautiful. At Lahore are to be seen the museum and Montgomery Hall, fine buildings. La Martiniere College, at Lucknow, was built in 1793 by General Martin, who came to India as a private soldier.

These are but specimens of what has been done, to say nothing of the fine offices and stations being erected by the railway companies, as well as many palatial private residences.

To these should be added some of the monuments erected to distinguished persons ; such as the statues of the queen and Prince of Wales in Bombay, those commemorative of Bishop Heber and Sir Thomas Munro in Madrâs, and Lords Hardinge, Bentinck,

Auckland, and General Ochterlony, in Calcutta, and Lord Cornwallis both in Bombay and Madrâs, and Marquis Wellesley, both in Bombay and Calcutta.

3. MEANS OF CONVEYANCE.

PRIVATE.

Every family that makes any pretensions to belonging to the fashionable circles has at least a carriage and pair, and often several carriages of different patterns, with riding-horses also, and ponies for the children. The nobility drive four horses. Those of less pretensions have more modest vehicles, with one horse, or at least a horse or pony to ride. Sometimes duty requires a means of private conveyance, for which they may get an allowance. A two-wheeled vehicle, covered, and drawn by two bullocks, sometimes large, sometimes small, but which can keep up a trot for some distance, is quite common in country stations. Some keep palanquins or dhooleys, in which one person reclines, borne by four men; though these are confined mostly to invalids or places where carriage-roads are wanting. The tonjon is a chair, with arms and support for the feet, borne in the same way, and convenient for hilly ground. In some places, where water is convenient, people keep boats. It is no inconsiderable item to keep horses, as every one is expected to have a groom, who must have his fashionable turban and coat. The price of horses is not very different from what it is in England and America, good Arabs selling at from three hundred to five hundred rupees

or higher, and a handsome pony for one hundred and fifty or two hundred rupees; inferior ones from fifty to one hundred rupees. The keep of a horse, including groom, is about twenty-five or thirty rupees a month.

To avoid horse-feed, etc., some have bicycles; but they are likely to be superseded by tricycles, which are coming into use in some parts.

PUBLIC.

Conveyances ply for hire in convenient localities in the cities, and especially at the railway stations, for which regular rates are charged according to distance. They can be hired for the day at from three to five rupees, but drivers refuse to go more than an aggregate of about twelve miles. A country cart, with bullocks and driver, costs about one rupee a day, and is generally available for conveying luggage, furniture, etc. Railways are fast doing away with *dāk* traveling, whether in palanquins or tongas; but on much frequented routes, where the railway has not yet come, lines of service are kept up by contractors, who have relays of ponies every five or six miles, and thus make as much as one hundred miles a day, allowing little time for rest or refreshments. The severest method of traveling is on the mail-cart, where one may be cramped up all night, without relief, support for the back, or the possibility of sleep.

For the accommodation of government servants on duty and others, it has been found necessary to con-

struct travelers' bungalows on all the main roads over the country at intervals of about twelve or fifteen miles, provided with cots, tables, and baths, where a native mess-man constantly attends to provide meals for travelers on the shortest notice, the charges for which are moderate.

RAILWAYS AND TRAM-WAYS.

Nothing is more amusing than to witness for the first time a railway-train at a station. Generally the doors of third and fourth class carriages are locked until tickets are shown as passengers file out. Then the new passengers—who, having procured their tickets, are kept close in the waiting-room—flock into the carriages. These are boxes about twenty feet long, with a row of board seats on each side and through the middle, “to carry fifty passengers;” and on one line there is a low upper story, calculated to carry twenty-five more. However, even the gentle Hindu sometimes protests against such crowding, and endeavors to monopolize the room of two or three men, till the railway policeman turns up with his baton, which he flourishes with great authority, but never makes further use of it. At night the numbers are, perhaps, somewhat reduced, and as many as possible roll themselves in their clothes on the floor. Recently there is an improvement, especially in the third-class carriages, which, besides being less crowded, have other accommodations. Women travel in separate carriages. Second-class carriages have board seats, with cane backs,

and are not so crowded, while first-class carriages are divided into two compartments, with broad cushioned seats, on which four or six persons can, with their own bedding, sleep quite comfortably, there being no special sleeping carriages. To protect from the sun, the carriages have double roofs, allowing the air to circulate between, and, in addition to Venetians, an outside screen reaching out over the windows. With the exception of a few private ones, all English railway carriages are entered from the side, there being no communication between one and another. The guards have separate carriages, one in front and one in rear, with the only brakes on the train, unless in passing over the ghâts, when extra vans and extra large engines are attached.

India has, perhaps, the cheapest railway traveling in the world, as low as two pies per mile, or ninety-six miles for the rupee. First-class fare, however, is about one and a half annas per mile, and second-class half as much. Some of the railway companies grant first-class passes free to ministers working on their lines, or passing over them to and from their work.

It is only very recently that tram-ways have been introduced into Bombay, and it was not without considerable debate that the enterprising Yankee company got permission and right of way; but they have succeeded so well as almost to drive buggies and carriages, which ply for hire, from the field. The first line, being regarded only as an experiment, was short; but extensions have been made from time to time, until the long

city of magnificent distances has become pretty well traversed by them. The experiment at Calcutta did not succeed so well, and was abandoned, but has since been agitated, steam to be substituted for horses, with what success remains to be seen. As in railways, so in tram-ways, caste distinctions are ignored, and all jostle together in such a manner as, after awhile, to jostle all the caste out of them.

BOATS.

Long before the advent of railways, or even before the invention of the steam-engine, India's large rivers, as the Indus and Ganges, used to be navigated for great distances. The Ganges for a long time was navigated as far as the Jumna by barges or schooners of from fifty to eighty tons burthen, affording a comfortable mode of transit, if time was no object. One-half of the vessel consisted of a deck-cabin, with two or three rooms, a poop, and an awning. The fore-part of the vessel was occupied by the crew, consisting of the steersman and eight or ten boatmen, who worked the sails, or rowed and tugged when wind and tide were adverse. A gentleman proceeding up country by one of these, often required two or three months to reach his destination, and was compelled to take his establishment of servants, cooking utensils and food, except fowls, milk, butter, and rice, which were procurable on the banks of the river. The scenery along the river is very fine, and the monotony was relieved occasionally by his going ashore with fowling-piece. Another kind of vessel was the accommodation flat,

tugged by iron steamers. The grand floating palaces are never seen out of American waters, though there are some nice steam-ferries on the Bombay harbor and elsewhere. Officers in the salt department of customs have small boats, with one mast, and diminutive cabin for one man to live, eat, and sleep in, and in that way coast around and run up the creeks and coves, attending to their duties better than could be done by any other means. These, as also some of the other small kinds of boats, are often used by picnic parties.

In the absence of docks in India, traffic, both passenger and freight, must be carried to ships and steamers in small boats, which are of every shape and description, from the barge towed by the steam-launch to the canoe for one or two persons. This forms quite a business for a goodly number of boatmen, who are mostly Mussulmans. The common conveyance over the Madrâs surf is the catamaran, composed of three pieces of wood lashed together and propelled by oars.

4. AMUSEMENTS.

In nearly every family is a musical instrument of some kind, sometimes several.

INDOOR GAMES.

Cards are, perhaps, not so popular in India as in some other countries; but most fashionable families engage in some game or other with them, and not a few gamble with them. A more common game is chess, while young people indulge a great deal in

checkers or draughts along with charades and a dozen other children's games. Private balls are given, and once in a while a great ball—sometimes masquerade—comes off, lasting till the wee hours of morning, at which the regimental brass band discourses, much to the annoyance of quietly disposed neighbors. Occasionally a theatrical troupe pass through and occupy the local theater, but the patronage is too small to keep it up long, so theater-goers must be content with what the amateurs can give them. To this is added an occasional concert.

OUTDOOR RECREATIONS.

Cricket is still the national English game. School boys are never happy without their cricket set, but match games of cricket and foot-ball are mostly played by young clerks, railway employés, etc. As these require considerable time they must be played during the day, or a great part of the afternoon, however hot the sun may pour down. Other sports are confined mostly to the mornings and evenings, and in this way are carried on at all seasons of the year, gymnasias being erected for the monsoon season. Badminton and lawn tennis are the most popular of these, being available for all classes, men and women, boys and girls, high and low. Croquet seems to have lost its popularity, or perhaps it has withdrawn to the parlor.

In almost every station are beautiful drives and public gardens, with band stands where excellent music is discoursed one or two evenings in the week by the

brass bands of the military. There the people in carriages, on horseback, and on foot congregate for the evening. There are usually vacant bungalows and groves in the vicinity, where picnic parties go and spend the day. Sometimes, too, they make longer excursions by rail or otherwise. Where there is sufficient water, boating is not an uncommon recreation. Fast young men play polo, which is done on horseback, or rather on ponies, the game being for the two parties to contend in driving a ball to its destination on either side. This, however, is unsafe, and now and again one loses his life at it or is sadly crippled for life, others generally refusing to take warning.

HUNTING AND RACING.

Not less dangerous is hunting the wild boar and tiger, which are the most popular wild sports in India, many a huntsman getting torn by the tusks of the former or mauled by the paws of the latter. Hunting the boar is done with neither gun nor dog, but on horseback with spear, and is called "pig-sticking." Sighting the animal, a number of men give chase, when he takes to flight, but is soon overtaken and receives the head of the spear in his vitals. Even then he may turn to fight, but is soon utterly exhausted. The huntsman who strikes first gets the tusks as his trophy. Its food is estimated a delicacy. Though greatly diminished, and their range much circumscribed, they are yet to be found in the jungles of the Deccan and Central India.





HUNTING THE TIGER IN THE JUNGLES OF INDIA.

The tiger is not hunted on horseback, but the elephant is brought into requisition, being able to protect the hunter and also to assist in the dispatch of the prey. The bait is usually a cow tied near his haunt in the night, which seldom fails to call him out, and being fully gorged in the morning he is charged by the hunters advancing in line with loaded rifles, which are emptied upon him as soon as he appears in sight. If he should not be killed he turns and gives a spring upon the elephant with such force as sometimes to throw both elephant and riders over on the ground, when they are in great danger, unless he is dispatched by their fellow hunters coming to the rescue on another elephant. Oftener, however, he sticks to the back of the elephant, but is soon dispatched by the repeated shots at so short range, unless, indeed, he snatches off a man and makes away with him. When dead he is borne away on an unoccupied elephant, and, his skin, well dressed, is used as a rug or howdah carpet.

When a tiger once tastes human blood he is not easily satisfied with any thing else, and hence the dispatch of such a one is a great boon to the community. The government allows ten rupees for every tiger killed, five for a leopard, and three for every bear.

Elephants themselves are shot for their tusks in Ceylon, but the natives in Mysore snare them and domesticate them for use.

Bear hunting is confined to the mountains, as that

of the tiger to the jungles and hills, and is sometimes equally exciting and dangerous.

Greyhounds are imported and kept for chasing the deer and antelope, as also the jackal.

The bustard is a fine large bird, shy of the sportsman, whom it suspects, so he conceals himself behind a native who walks round and round, nearer and nearer, until within shooting range.

In all large stations is a race-course, where once or twice in the year this dangerous and cruel amusement is carried on, drawing out vast numbers of lookers-on, both foreigner and native. Not a little betting is the result; indeed, nearly all these amusements, however innocent in themselves, have evil associations and surroundings, so it is not always an easy matter to provide innocent recreations.

5. MORALS.

The reader will long ere this have formed some idea of the morals of the Anglo-Indian community, but our sketch would be incomplete without a general estimate of their character; and it would be impossible to give more than that in this place.

PERSONAL CHARACTER.

To begin, it may be said that they have a high regard for British honor, and hardly any would condescend to a mean act. And though they may not yet have learned what true honor is, yet there has been a great improvement in their code. In 1844 it was

made a punishable offense for an officer in the army to give a challenge to fight a duel, instead of its being, as before, an offense not to accept a challenge given.

As public sentiment does not condemn drinking intoxicating liquors of itself, but merely getting drunk in a public place, so there are few saloons, but drinking is carried on most excessively in the people's houses. Large quantities are issued to the soldiers, but the authorities are learning how injurious it is, and thousands of the men have adopted total abstinence principles and practices during the past ten years.

While they would scorn to bear false testimony in court, thousands of them, even among the highest classes, will not hesitate to send, by their servants, the "white lie," that they are not at home when not disposed to receive the caller; indeed, they have been heard by the visitor himself to give the message. And they would not stoop to steal, yet many of them contract debts without the probability of paying them. Usually Marwarrees will not lend them money without exorbitant interest, and not unfrequently they get bit at that, which others are ready to say is good enough for them. There is a great deal of corruption among revenue collectors, commissary officers, etc.

Though public offices and most of the "Europe shops" are closed on Sunday, yet there is much Sabbath desecration. Servants go to the bazaar, and fruit sellers have not yet learned not to come around on that day. As it is popular to attend church, hardly one will be wanting on the Sabbath, and they preserve

a most becoming deportment while within consecrated walls, but, as a rule, it does not last long outside. Some will even carry their religion so far as to read their Bibles and have family prayers, and hardly any are there but will go through a form of private prayer morning and evening and teach their children the same. Withal, they are generous and friendly until their religious character is impeached, but let it be intimated that they are not Christians and they are up in arms at once. With most of them anger, profanity, drunkenness (and, with many, even adultery), are not inconsistent with Christianity.

The comparatively few exceptions only prove the rule; for instance, in a certain station are several Christian officers, who are accustomed to conduct religious meetings. A short time ago they hired a room, got hymns printed, and advertised in every way* that they would hold a week of special religious services, conducted entirely by themselves, in hopes thereby of securing the attendance of many of their own class in the army and civil service, who would not otherwise attend evangelical meetings. Though this was something new, and it was hoped by all true Christians that it would have the desired effect, yet hardly a dozen of the particular class out of the hundreds in the station made their appearance.

BEARING TOWARDS OTHERS.

When the duke of Edinburgh visited India a few years ago, he remarked that the Anglo-Indians were

the most "stuck-up" people he had ever seen. They have not lost that reputation yet. Society is not more perfectly graded in the army than outside. In the civil service are ranks corresponding to those in the army (which extends even to chaplains), and so on down to the meanest clerk. One in the receipt of two hundred rupees a month will not associate with one receiving one hundred, and so on *ad infinitum*.

The money basis, however, is not the only one; for in some places they seem to have invented a *hemometer*, by which they can measure the exact number of ounces of Indian blood in a person, and they grade him accordingly. These are proscribed entirely by fashionable society, however high they may have risen. An officer in the army who has risen from the ranks, though a pure European, is proscribed as far as is permitted; and one who has been brought under censure by the government through want of success in battle is immediately "cut" by his old friends. They are exceedingly affected in speech and manner, and perform an act of kindness in a most patronizing way. In all the small stations, where every body knows every body else, there is usually a great deal of gossip not the most charitable and edifying.

When it comes to their bearing towards their servants and the natives generally, their exclusiveness breaks out oftentimes into contempt, if not abuse, reminding one of the feelings engendered by African slavery; indeed, it is not an uncommon thing for them to call the natives "niggers." This feeling, too, is

largely participated in by those who are only one remove from the natives themselves, and, what is worst of all, it manifests itself early among the children, who, from playing with native children as equals, will turn round and use them for targets as crow's eggs, etc., purely because they are natives and are not expected to resist, which, however, they occasionally do. To one who has been brought up altogether independent of human slavery, the most painful form of this pride is the ban which it imposes upon manual labor of any kind, so that it is considered a disgrace to be seen carrying a parcel, however small, and to walk any distance is to lose caste. In this way people become helpless slaves to their servants. After all, the saying is not far from true that the worst caste in the country is the European, making allowance, as before, for the honorable exceptions.

CHURCHES AND CHAPLAINS.

In nearly every station in India the Church of England has a chapel, though in many cases two or three small ones form a parish, in visiting which the chaplain, besides his fare, is allowed extra for his board, provided he can get three persons together for the service and communion. The whole support, even to the native sexton, is met by the government, paid, of course, by the people of the country, though oftentimes there is a congregation representing millions of money. In a few of the larger cities are also chapels of the Established Church of Scotland. There are five

bishops, with their archdeacons and private chaplains, supported in the same way, and also some consideration is made to Roman Catholic bishops and priests, though they are not on the same footing as the others. Two or three of the English bishops are evangelical, but the others, and the vast majority of chaplains now in India, are either ritualistic or so broad that to include themselves they include every body.

One who had been converted amongst the Methodists wished to enter the itinerancy, but his mother threatened to disinherit him if he did. Though not her preference, yet she made no objections to his taking orders in the Established Church. Whereupon he qualified himself and got an appointment to India. At first he was very evangelical and "low church," but has become so ritualistic that he insists on his congregation's standing when he enters the church. They having been under the training of a liberal rationalist for some time did not at once take kindly to his ritualistic innovations. But, not to be outdone by them, he adopted the plan of giving out the hymn at the door, and when the people rose to sing he walked up the aisle. The average length of his sermons is about eight minutes, and when told one day that he had preached thirteen minutes he thought it was high time to apply Wesley's rule, "nor too long."

Another one, who is a fine-looking British officer, to be which is his chief ambition, says he is only a guide-board to point people in the way; but his case reminds one of guide-boards sometimes seen which have got

reversed. He is chief manager of the theater and has especial charge of the infant department, training them to pony-racing and scrambling in a flour-pan with their mouths for money concealed therein. When the bishop paid his station a visit he was out on a hunting expedition, and did not conceal his displeasure at being required to sacrifice his sports to attend on his superior.

A former chaplain at a certain station made arrangements with a fellow officer to spend the Sabbath shooting and hunting. At the appointed time they both dressed in their hunting apparel, and armed and accoutered started off. As their course led by the church the chaplain dismounted, got into the vestry, threw on his surplice, and, hastily running through the church service, was soon off again with his companion, proving, at least, the convenience of church millinery on such occasions.

The chaplain of another station was out hunting when he suddenly remembered he had a funeral engagement. By hard riding he was able to reach the churchyard in time to throw over him his surplice and meet the corpse and procession at the gate.

A senior chaplain at a certain orphanage, whose chief duties were to teach the children a few minutes' Scripture lesson each day (for which he got his eight hundred rupees a month), said on one occasion that whatever punishment he might have in the future world he hoped it would not be teaching Scripture.

Shortly after the introduction of Methodism in a

certain place a chaplain prepared two sermons by which he was completely to demolish the schismatics. Unfortunately, however, he arrived there on Saturday night, which was lodge night, and, being a high Mason, he must attend the lodge. He came away at two or three o'clock Sunday morning so drunk that he was unable to preach that day at all, and so his sermons were never delivered and Methodism exists there still, although the only question asked intending communicants by the archdeacon, who afterwards had spiritual oversight of the station, was whether they ever attended the Methodist services. That was sufficient to exclude them from the communion. A story related by an eye and ear witness of this same chaplain is too indecent to commit to paper. His case serves to illustrate another point, how that in India even charitable institutions are prostituted to such an extent that a Christian man can not belong to them.

"Like priests, like people;" so it is not to be wondered at that the community are not what they ought to be. There may be enough of the leaven of evangelicalism left in the Church to save the Establishment a little longer, as it has done, but not much longer, for the question of disestablishment in India is being agitated more and more every year.

Generally the Scotch chaplains are grand men of God, but much hampered by their relation to the government.

Besides the established Churches there are English congregations belonging to the Free Church of Scot-

land, Baptist and Methodist Churches, and the Church Missionary Society (representing the Evangelical body of the Church of England), and some Independents in various parts of the country.

RESPONSIBILITIES.

The opportunities these nominal Christians have for influencing the native community are very great indeed, and just as in the case of others, their responsibilities are in proportion to their opportunities, whether they so acknowledge or not. They are already here in the providence of God, whether born here or not, for whatever purpose they may have come. They are also associated more or less with the natives, many of them living amongst them, others employed side by side with them in the same office, and all having dealings with them as servants, shopkeepers, etc. But in addition to being in their country and associated with them, they are more or less acquainted with their customs and languages, to acquire which takes much time and expense of the missionary. So if all these had the spiritual qualifications which are needed, and which are attainable by all they would make a large working force. Just think of an army of two hundred thousand Christian missionaries in this land, distributed already to their various posts, armed and equipped for the warfare! What could withstand them and their influence?

But they deny that they are missionaries. Still they can not shift the responsibility in that way, for

every one, ordained or not, has the obligation to do what he can in this cause.

Instead of getting the qualifications and meeting their obligations manfully, they are for the most part using their influence against the cause of Christ, and thus are stumbling-blocks to the heathen and missionaries of evil. What an awful account will there be to settle in the great day of accounts!

Chapter VI.

EVANGELIZATION OF INDIA.

1. SYRIAN CHRISTIANS.

THE command of the risen Lord to his apostles to "Go and teach all nations, baptizing them in the name of the Father and of the Son and of the Holy Ghost," no doubt applied to India as well as all other countries. There is a tradition that the apostle Thomas came to India, where, after laboring some time, he was martyred by the Brahmins at St. Thomé, near Madrâs. This most probably arose from confounding the apostle with a monk of that name of a much later period. However this may be, or whatever may be true concerning that other tradition, that Indian merchants introduced Christianity from Alexandria, where they went to trade, and afterwards invited Pantænus to come and labor as a missionary, this is well authenticated, that a number of Syrian Christians about the fourth century settled along the Malabar Coast, where their descendants are still found.

So great favor did they receive from the native princes that they were allowed to be governed by their own bishops and had their own rulers for several centuries. Not so well, however, did they fare at the hands of the Roman Catholic Portuguese, to whom

they extended the right-hand of fellowship on their arrival in India. Every effort was made to bring them under papal subjection, and in 1599 an assembly under the archbishop ordered all the Syrian prayer-books to be burned. Some of the people were proselyted, but more remained firm to their ancient communion, which, at least, was less involved in error, if not in ignorance, than that of the Romanists. More recently missions of the English Church have been established amongst them, resulting in a considerable reformation.

2. ROMAN CATHOLICS.

Missionaries accompanied all the expeditions of the Portuguese to India ; but their chief means of propagandism at first seems to have been to have the settlers to intermarry with the natives on condition of their being baptized. This worked so well that at the present time there is hardly a pure Portuguese in India. Many of them, it is asserted, have African blood in them, owing to their slaves early transported to India, and that accounts for the very dark complexion and woolly hair of many of them.

FRANCIS XAVIER.

The founder of the Jesuits never displayed greater insight into the character of men than when he selected Francis Xavier as his first missionary, and sent him to India in 1541. Having obtained a part of the New Testament at Lisbon, which he thought might be of some use to him, he resolved to take it with him. So

earnest was he that the first night after landing at Goa was spent alone in the church in prayer and meditation. His first efforts were made in endeavoring to effect a reformation amongst the Portuguese population, in which he to some extent succeeded. Meantime he gained some small knowledge of the natives, and set out on his first expedition to the Comorin coast. But, unacquainted with the language and dissatisfied with his interpreters, he occupied himself in baptizing the children and attending the sick. Securing translations of the Ten Commandments, Lord's-prayer, Apostles' Creed, and the words used in making the signs of the cross, he committed them to memory, and repeated them to the natives collected by the sound of a bell, which he rang as he went about. The young especially were very much attracted by this novel procedure, as he records, and in one month he baptized ten thousand idolaters, sometimes a whole village in a day.

After more than two years among these people, who were mostly ignorant pearl-fishers, he appointed catechists among them to carry on the work, while he embarked for new fields in the farther East—Malacca, Japan, and China—where he died in 1552.

JESUIT ARTIFICES.

Even the success of Xavier was too slow for the Jesuits, so every stratagem conceivable was resorted to to further their cause. Only eight years after Xavier's death the Inquisition was established at Goa, and we

have already seen their efforts to subject the Syrian Christians to the authority of Rome, and also, in another chapter, their efforts to convert Akbar, at whose request, through the Portuguese ambassador, three priests were called to his court. He was suddenly called away by a revolt in his kingdom; but afterwards two others were sent, who, despairing of their royal pupil, still others were sent, and got access to his court. These endeavored to conciliate him by composing in the Persian language two books, "The History of Jesus Christ" and "The Life of St. Peter," in which they took care to interweave Moslem legends with Scripture truth. The artifice, however, was unsuccessful, as he died without being baptized.

A still more diabolical scheme was employed when Robert de Nobili arrived from Europe in 1606, at Mádura, to found a mission for the conversion of the higher classes, whom he conceived to have been neglected. He gave out that he was a Brahmin, as evidence of which he produced an old, greasy parchment, on which, in ancient Sanskrit characters, he had a deed forged to the effect that the Roman Jesuits had descended in a direct line from the god Brahm, and were more ancient than their Oriental brethren. He and his companions also fabricated a fifth Vêd, with a sprinkling of Scripture in it. One of them composed in Sanskrit an epic poem, the *Temba Vani*, in the same character and highly figurative Oriental style. They adopted the dress, food, and habits of the Brahmins,

and treated the lower castes with contempt. They added to the idolatrous rites already in the Roman Catholic Church. First inducing a dozen Brahmins to join them, they soon boasted of thousands of converts, who, according to a missionary, himself a Romanist, were worse than they had been before.

RECENT OPERATIONS.

Direct missionary work among the heathen seems long since to have been abandoned by the Romanists, though, no doubt, they do make converts from them still. They, at least, are ever on the alert to inveigle and draw away Protestant converts, in which some ritualists have afforded them not a little assistance by preparing the way. They seem now, however, to be bending all their energies to their educational work, having schools, colleges, and convents all over the country, in which they entrap not a few Protestant children. For building St. Xavier's College in Bombay nearly every Roman Catholic throughout India was assessed a month's pay. A new impulse has been given in this direction of late years by the expulsion of Jesuits from Germany and France, many of whom have found an asylum in India, and ready employment as professors and teachers. They report nearly a million of members throughout the country, some of whom are Europeans in the army and elsewhere, headed by the present viceroy.

IDOLATROUS RITES.

The heathen, looking at the Roman Catholic performing his worship, calls him his "little brother." If they borrowed largely from Roman idolatry, they have also added from Hinduism. Their crucifixion drama has been compared to the Passion Plays of Ober-Ammergau in Bavaria, and it is difficult to conceive how these latter could well exceed the former. During the whole of Passion-week all of the Romanist community are especially lively. The men, in European clothes, with "stove-pipe" hat, and the women in native dress, white and clean, flock to the chapels every morning. On the eve of Good Friday not only the body of the chapels, but all the available space around them, is occupied by spectators anxious to witness the ceremonies. To represent the Last Supper a long table is filled with plates of fruit, set in front of thirteen figures, one with the nimbus representing the Savior, and another with the bag indicating Judas. Later on is enacted the apprehension and trial, the hands of the wax-figure being tied together with a rope. Afterwards it is fastened to a cross stained with red paint to represent blood, and left hanging behind a screen.

About eight o'clock on the evening of Good Friday the figure is unveiled, ceremonies of different kinds having been performed, more or less, during the day. This is done amid the most intense excitement, accompanied with a loud moan from the people, as though they could see the real blood oozing over the heads of the nails and from the crown of thorns. The cer-

emony of taking the figure down from the cross is also accompanied with the deepest feeling, which, however, does not last long, when all is forgotten.

In the Portuguese church of *Bom Jesus* at Goa is the splendid shrine of Francis Xavier, which is hardly surpassed by any thing else of the kind anywhere. It is of copper, richly gilt and ornamented, and placed within a silver inclosure, and rests upon an altar of Italian marble. Around it are represented, in bass-relief, the life and miracles of the saint, whose body was brought from the China seas, where he died, and exposed to view till 1780, when it was closed up in its present shrine, presented by the queen of Portugal. After one hundred years, it was opened again in 1880, and exposed for some time, so that Roman Catholics from all parts of India flocked to see it and perform their worship. For weeks the coasting steamers were crowded, when all subsided, perhaps, for another century.

MORAL CHARACTER, ETC.

As may be supposed, many of these Roman Catholics differ very little from the heathen, and it is doubtful whether there has been any improvement at all in their character. Very few of them can read, and caste is observed very extensively. For the images of the gods they have substituted the images of the saints, and in their festivals there is the same shouting, beating of tom-toms, and fire-works. Drinking and Sabbath-breaking are very prevalent among them.

Many of them are employed as servants on about

the same pay as other servants, though a few have become clerks, and some are apothecaries and medical practitioners. In the country they wear short check trowsers to the knees, a jacket, and a long hat without any brim, making their appearance very quaint, and rendering them easily discernible from all others. Many of them defy the sun with the same impunity as the Bengâli, often going barehead.

3. EARLY PROTESTANT MISSIONS.

DANISH.

King Frederick IV, of Denmark, has the honor of founding the first Protestant mission in India, at Tranquebar, on the Coromandel coast. The first missionaries were Bartholomew Ziegenbolg and Henry Plutsch, natives of Germany, who arrived in 1706. Without grammar or dictionary, in a few months they acquired sufficient Tamil to catechise the children in their two schools and to preach, besides learning Portuguese, which had been introduced into the district nearly two hundred years before. The first convert was Madaliapa, their native teacher. In 1707 a number of catechumens were baptized, and one was appointed catechist. In three and a half years after their arrival they numbered one hundred and sixty communicants, notwithstanding the opposition received from the governor of the colony and others. They received other royal favor in the shape of a letter from the German king, George I, of England, and also the patronage of the Society for Promoting Knowledge.

Ziegenbolg, before his death in 1719, had translated into Tamil the New Testament and as far as the book of Ruth in the Old Testament, which was finished by Shultz in 1725.

Of this mission, if not of all modern missions, the greatest man was Schwartz, who arrived at Tranquebar in 1750, and in about four months preached his first sermon in Tamil, having learned much of it before starting from the retired missionary, Shultz. In 1766 he established a mission at Trichinopoly, which he made his head-quarters. So highly esteemed by all parties was he that he was intrusted with an important mission to Hyder Ali, who presented him, on leaving, with a bag of rupees, which he handed over to the governor of Madrás, but, being requested to keep it, he devoted it to the support of schools in Tanjore. When on his death-bed, the rājah of Tanjore committed to him the guardianship of his young son, Serfoji. When he died, after forty-eight years' service, the converts numbered more than ten thousand.

This mission was ultimately transferred to other societies, and a new Danish society organized, so that now there is one Danish society at work in India, and five missionaries, natives of Denmark.

ENGLISH.

As early as 1784 Dr. Thomas Coke was in correspondence with a gentleman in Bengāl, projecting a mission to India; but, having his hands so full of his American missions, he was unable to take it up at that

time. In 1792 William Carey preached a sermon before the Nottingham Association from Isa. liv, 1-3, in which he particularly urged two points: Expect great things of God; and, Attempt great things for God. So great was the impression made that the association determined to form a missionary society, which was done, and Mr. Carey appointed to Bengâl as the first English missionary. He arrived at Calcutta in 1793, in company with a Mr. Thomas, who had given up his position as a surgeon in an East Indiaman to preach to the heathen. They, however, were forbidden by the company to carry on their work openly as missionaries, and so, going up country, they took situations in indigo factories. In 1796 they formed themselves and two other Englishmen into a Church. The opposition of the East India Company continuing, for fear of offending the natives, they removed to Serampore, the small Danish possession near Calcutta. The New Testament in Bengâli was printed in 1801 by Mr. Ward, who, with others, had re-enforced the mission. The first Bengâli convert was baptized in the Hoogley, on the 28th of December, 1800. Another re-enforcement, Mr. Marshman, opened boarding-schools, which, with the printing-press, were also sources of income. They all lived in the simplest style, and used the money in publishing the Scriptures and supporting preachers and schools. Assisted by learned men in other parts, they translated the whole Bible into six Indian languages and the Chinese, and the New Testament into fourteen languages, and founded the College of Seram-

pore, besides much other work, notwithstanding the continued opposition of the government.

The London Missionary Society began work in India at Chinsura, near Calcutta, in 1798.

Good David Brown, chaplain at Calcutta and friend of Carey, gave up his appointment and salary to preach to the poor without salary, which he did in Calcutta for twenty-five years.

Claudius Buchanan, chaplain to Lord Wellesley, and associated with Brown, did valuable service in evangelizing the heathen, traveling almost from one end of the country to the other for that object, and was the first to make known to the civilized world the obscene and bloody rites of the temple of Juggernâth.

But the most distinguished of English chaplains was Henry Martyn, who arrived in 1806, and immediately began the establishment of schools at his own expense. His great work, however, was the translation of the New Testament into various languages—the Hindustâni in 1807, and afterwards into Persian and Arabic. But being compelled to leave India on account of his health in 1811, he started for Shiraz in Persia, that he might perfect his Persian New Testament. Continuing on his way to England, he arrived within two hundred and fifty miles of Constantinople, and, unable to proceed further, lay down and died in a strange land on the 16th of October, 1812.

At the present time there are six English societies and two hundred and forty-four missionaries, natives of England, in the land.

AMERICAN.

The American Board of Commissioners for Foreign Missions was organized in 1810, and missionaries sent to India, their first field, in 1812. Landing at Calcutta, they were immediately ordered out of the country. Three of them proceeded around to Bombay, one of whom, Samuel Newell, was detained at the Isle of France by the illness of his wife, who, with her infant child, died, and was laid to rest in that lone place. He then joined his companions, Gordon Hall and Samuel Nott, at Bombay. They were at first forbidden to engage in mission work, but after some delay obtained permission from the Bombay government, December 21, 1813. Amid trials and difficulties they prosecuted their work with earnestness and assiduity, and not without success. A printing-press and printer arriving, they made them a valuable accessory to their work, throwing off large numbers of tracts, as well as Bibles and Scripture portions in the vernacular. Mr. Nott's health failing in a few years, he returned to America, where he died in 1869. Mr. Newell died of cholera in 1821. Besides preaching in the streets, Mr. Hall devoted much time and labor to translating the Scriptures and preparing tracts in the Marâthi. He made long tours, also, over the country, on one of which he died of cholera, after thirteen years of earnest, self-denying labor.

Another of this company of missionaries was Adoniram Judson, who, changing his views somewhat, joined the missionaries at Serampore, and in 1813,

proceeding to Rangoon, founded a Burmese mission. Three years later, being re-enforced by a printer and press, a part of the New Testament and Catechism were published in the Burmese language. The first church was erected and the first Burmese convert, Moung Nan, was baptized in 1819. During the first Burmese war work was necessarily suspended. Judson and a companion, along with other Europeans, were imprisoned at the Burmese capital for several months, during which time Mrs. Judson brought them food, and used every effort to effect their release, which was unavailing till they were nearly worn out with the heat and disease. Meanwhile work had been begun among the Karens, which has resulted in the conversion of many thousands, notwithstanding the great persecution from the heathen. In 1845 Dr. Judson, having, in the midst of his other labors and great trials, finished and revised his translation of the whole Bible, visited America for a short time. Returning, he continued his labors till his health failed, and on a voyage to the Isle of France for a change, in 1850, he passed away, and found a grave in the Indian Ocean, leaving the Burmese missions in the hands of able and devoted men.

There are now from the United States eight societies in India, and one hundred and seventeen missionaries, and from Canada two societies and seventeen missionaries.

SCOTCH.

The first Scotch missionary to India was Donald Mitchell, who lived but a short time, but was succeeded by James Mitchell, A. Crawford, J. Cooper, and J. Stevenson, who, taking up their residence in the country south of Bombay, established schools and preached to the natives. In 1829 John Wilson arrived, and the mission was transferred to Bombay, where, besides founding schools and doing other mission work, he engaged in controversy with the Hindûs and Parsees. When the first Parsee converts were baptized, in 1839, such was the excitement among them that the number of pupils in the English institution was reduced from two hundred and sixty to fifty, and law-suits were instituted for the recovery of the young men. These, however, were unsuccessful. Undaunted the missionaries prosecuted their work, and eventually quiet was restored. Dr. Wilson, besides his other arduous labors, wrote many books and made numerous tours over Western India. He died in 1875.

In the year 1830 Alexander Duff arrived in Calcutta, after having suffered two shipwrecks on the way. His first work was the founding of an English institution of high grade, which soon enrolled a thousand pupils and has educated a large number of men afterwards prominent in the country, some of whom became Christians and a few ministers. He also added to his educational labors evangelistic and other services, and was the author of a number of books. He died in Scotland in 1878.

A similar institution of learning was founded in Madrás in 1837 by John Anderson, who labored faithfully till the time of his death, in 1854.

The societies from Scotland at work in India at the present time are three, and missionaries sixty-seven.

GERMAN.

As we have seen, the most of the missionaries of the Danish Society were Germans, but it was not till 1834 that the Basel Evangelical Missionary Society established the first German mission at Mangalore. The first missionaries were Hebich, Laner, and Greiner, who were soon re-enforced by others. The first of these, though eccentric, was one of the most wonderful and successful men ever sent to India. This mission has been especially successful in establishing and carrying on several industrial and mercantile establishments by which they not only provide employment for native converts, but are able to aid in the support of evangelistic work. Three of these are mercantile, six weaving, two tiling, and one carpentering, and, in addition, they have a printing-press carried on the same way.

At the present time there are six German societies in the Indian field and one hundred and thirty-one missionaries, with also thirteen missionaries from Switzerland.

IRISH.

The Irish Presbyterian Missionary Society sent two men, J. Glasgow and A. Kerr, to open up work in

Rajkote in 1841, and in a few years they were joined by Joseph Taylor, and had transferred to them the whole of the missions of the London Society in Guzerât, which had been carried on from 1815 by the Messrs. Fyvie and Skinner. On the baptism of the first converts at Porebunder, in 1843, the excitement ran so high that they were not permitted, by the native government, to remain in Kattywar any longer at that time. Their greatest success has been among the low classes at Borsud, in Guzerât. This society and nineteen natives of Ireland are at work in India at the present time.

WELSH.

In 1841 the Welsh Calvinistic Methodist Mission was founded at Cherapoonji, in Assam, by Thomas Jones. They confine their labors to the aborigines among the Khassi and Jantia Hills, their work being evangelistic and educational. Numbers of these uncivilized people have been brought into the Church and are independent of the mission, in one year paying one thousand two hundred and forty-four rupees for the forwarding of the cause of the Gospel.

Though mostly not in connection with this society, there are fifteen Welsh missionaries in India at this time.

SWEDISH.

The first Swedish Mission was founded in India in the year 1877, at Chindwara, in Central India. The following year two other stations were occupied—Sangor and Nursingpore—where they have opened

vernacular schools and begun preaching, having already a small Christian community.

In this society are six missionaries, besides four Swedish missionaries in other societies.

4. CHURCHES ENGAGED AND THEIR SUCCESS.

Having noticed the various early missions to India, according to nationality, we now propose to aggregate, as far as possible, the various denominations represented. In this there will be more difficulty, as a number of the societies are undenominational, or at least were so at first.

BAPTIST.

In addition to the Baptist Missionary Society, founded at the instance of Carey, there are now in the field four other Baptist societies. The General Baptist Missionary Society, operating in Cuttack since 1822, has a large native community with a goodly number of members. In addition to the Burmese mission, founded by Judson, the American Baptist Missionary Union has, since 1836, sustained a prosperous mission in Assam, among the Garos, and also a Telugu mission, which, though for a long time not encouraging, yet recently has been the most fruitful field in India, nearly ten thousand being baptized in 1878, and perhaps as many since. This society, and also the original Baptist Missionary Society, have a Woman's Foreign Missionary Society in connection with them. The American Free Baptist Missionary

Society was organized in 1834, and at once took up the work in Northern Orissa and Southern Bengâl, and afterwards at different points in the east of India. The Canadian Telugu Baptist Mission was founded by Thomas Gabriel, in 1868, and adopted by the society in 1874.

In these five Baptist societies are about seventy foreign missionaries, one hundred and twenty native ordained agents, about thirty thousand members, and a native Christian community of seventy-five thousand.

CHURCH OF ENGLAND.

In 1807 the Church Missionary Society, which had been organized eight years previously, sent a grant of money to Messrs. Brown and Buchanan and another chaplain at Calcutta, who appropriated it for the translation of the Scriptures. In 1814 the society began operations in Tranquebar, but soon removed to Madrâs. In 1817 the Danish mission at Tinnevely was transferred to them, and so great has been their success in that field that a suffragan bishop was consecrated for it in 1877. In 1816 missionaries were sent to Travancore, especially for the benefit of the Syrian Christians in that quarter. In 1841 Masulipatam, in the Krishna District, was occupied. Work was begun at Calcutta in 1815, in the following year at Burdwan, and in 1821 at Benâres. In 1828 the first missionary was appointed to Delhi, where a native preacher had been laboring. In 1839 a missionary was appointed to Agra, in 1843 a station was opened in the

Himâlayas, and in 1862 one among the Sântâls. Bombay was occupied in 1818, and neighboring stations soon afterwards.

The oldest of all modern missionary societies, that for the "Propagation of the Gospel in Foreign Ports," was organized in 1701, but did not commence work in India till 1817, when Bangalore was occupied. This society came in for its share of the Danish missions, those of Tanjore and Trichinopoly, which have proved themselves so fruitful as also to demand a suffragan bishop. At the proposal of Bishop Middleton the Bishop's College of Calcutta was begun in 1820, and, at the suggestion of Bishop Heber, Bhâgulpore was occupied in 1825. In 1859 Bombay was taken up, and soon afterwards other stations in the presidency.

In connection with the Church of England is also a zenana mission.

The statistics of these two societies together are, foreign missionaries, one hundred and fifty-one; native ordained agents, one hundred and sixty-three; and about thirty-five thousand members, representing a Christian community of about one hundred and seventy thousand.

CONGREGATIONAL.

The London Missionary Society is one that was organized on an undenominational basis, but recently, in particular, derives most of its support from the English Independents or Congregationalists. In 1798 it began a mission in Bengâl, and in 1804 one in Madrâs. In 1806 its agents entered Travancore, and in 1810 Bel-

lary. Operations in Benâres and in Belgaum began in 1820.

In addition to the Marathi Mission in Western India the American Board, which became Congregational on the withdrawal of other Churches to support their own societies, has also the Mâdura Mission in Southern India, which was founded in 1834, and has been more fruitful even than the first.

In connection with both of these societies are Woman's Foreign Missionary Societies, some of the ladies, as also some of the men, being medical missionaries.

In these societies at present are sixty-nine foreign missionaries, sixty-five native ordained agents, sixty-five thousand native Christians, among whom are eight thousand five hundred communicants, organized into Churches under the Congregational form of Church government.

LUTHERAN.

The Leipzig Evangelical Lutheran Missionary Society entered the Indian field in 1840, the first missionary being H. Cordes, who labored at Tranquebar till the Danish possessions were ceded to England in 1845, when the Leipzig society took charge of the Tranquebar mission. This is the only Protestant society that still allows the retention of caste among its members.

The Foreign Missionary Society of the American Evangelical Lutheran Church conducted a mission at Guntoor in Southern India from 1840 until a board of foreign missions of that Church was organized to

take the place of the missionary society, since which it has had the control, though there are still the two missions.

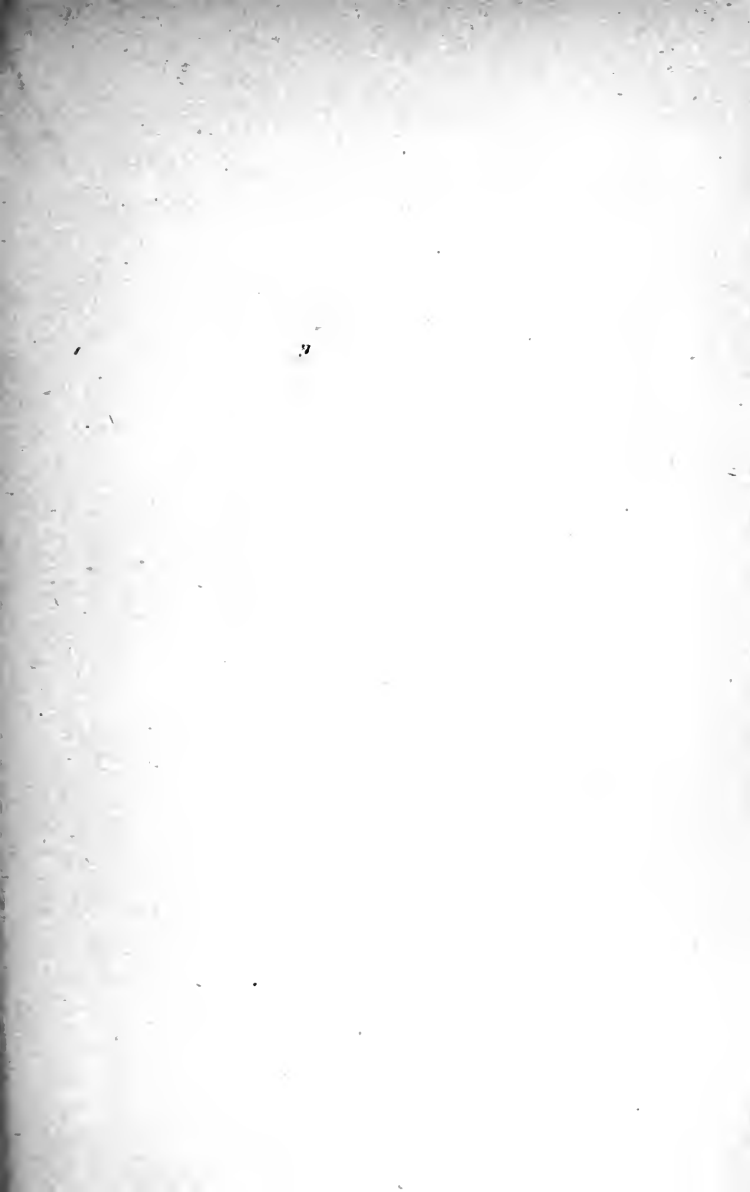
The Danish Evangelical Lutheran Society, after transferring its Tranquebar missions to the Leipzig society, took up work in the South Arcot District.

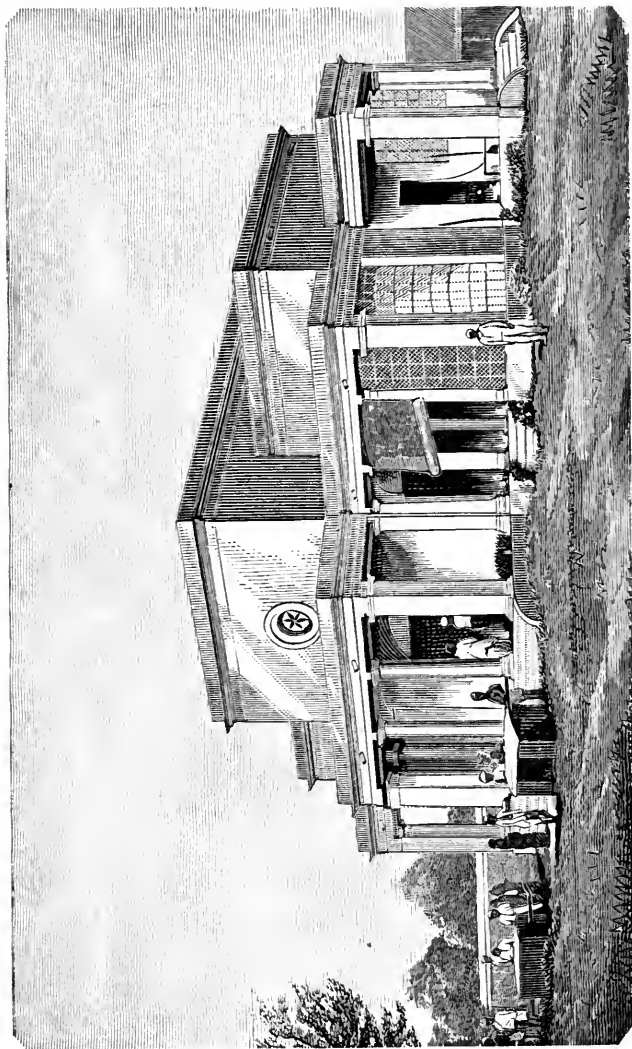
The Hermannsburg Evangelical Lutheran Society began work in India in 1865, in the Nellore District, and, as has been stated, the Swedish Society entered India in 1877.

Besides many Lutherans in independent societies, there are in these five societies a total of forty-six foreign missionaries, thirteen native ordained agents, and forty thousand native Christians, of whom about nine thousand are communicants. There is also a lady missionary in connection with the American Lutheran Mission.

METHODIST.

In 1813 Dr. Coke offered himself and £6,000 to the English Methodists to open a mission in India. He embarked in company with six young ministers, but on the morning of May 3, 1814, while on the Indian Ocean, he was found dead in his cabin (having had, as was supposed, a fit of apoplexy). The sorrowing company, encouraged by the civil authorities, began their mission in Ceylon, both in the Tamil and Singhalese language. In 1817 the work spread to Madrás, the first station occupied by them in India. Bombay, however, was occupied the same year, but was relinquished after four years. In 1818 Trichin-





MEDICAL DISPENSARY AT BAREILLY.

opoly was occupied, and, three years later, Negapatam, Manargudi, and Melnattam; in 1861, Warriore, Trivalur, and Carur; and in 1879, Secunderabad,—all in the Madrâs District.

In 1821 a Canarese mission was begun at Bangalore, to which have been added, at different times, Gubbi, Mysore, Ootacumund, Tumkur, and Shimoga, forming the Mysore District.

In 1830 Calcutta was first occupied, but soon relinquished, until it was reoccupied in 1862. In 1864 the society took up Lucknow, and afterwards Benâres, which belong to the Calcutta District.

The Missionary Society of the Methodist Episcopal Church of America, organized in 1819, did not enter India till 1856, when Dr. Butler started work at Bareilly, in the north-west provinces. The mutiny, however, coming on, he escaped with his family to Nynee Tâl, which was made a station. After the storm blew over, Bareilly was reoccupied, and Lucknow and Moradabad taken up. In quick succession followed Bijnour, Shahjehanpore, Budaon, Sectapore, Roy Bareilly, Gonda, Paori in Gurhwal, Bahraich, and Cawnpore, and in 1873 Pithoragurh, in Eastern Kumaon. Orphanages, mission press, theological seminary, boarding-schools, medical dispensaries, and a Woman's Foreign Missionary Society have contributed to the success attained.

In 1872 William Taylor, while on his way home from India, having held a number of meetings in Bombay, in which a hundred or more of people, Anglo-

Indians and natives, were converted, was entreated by them to organize a Methodist Episcopal Church, to be self-supporting and self-propagating among all classes of people in the land. Being re-enforced by George Bowen, already a self-supporting missionary of twenty-four years' standing, and others from India and America, he, after beginning a similar work at Poona, proceeded to Calcutta, where, after the hardest toil for several months, a Church was raised up from the unsaved. In the same way, and by the help of those already saved, work began at Madrâs, Bangalore, Secunderabad, Bellary, Egutpoora, Nagpore, Mhow, Jubbulpore, Allahabad, Kurachee, and Agra, and more recently at Bhosawal, Khundwa, Hurda, Ahmedabad, Rangoon, Roorkee, Bandikui, Meerut, Lahore, and Mussoorie. There are English boarding and high schools, English and native orphanages, a book concern, six missionaries devoted exclusively to native work, and others preparing for it.

Including the Welsh Calvinistic Methodists, who are so in name at least, there are, exclusive of Ceylon, one hundred and sixteen missionaries, twenty-three native ordained agents, about ten thousand native Christians, of whom more than half are communicants, and about twenty-five hundred Anglo-Indian members. During the past year a Free Methodist Church Mission was established at Buchanpore, in Central India.

PRESBYTERIAN.

As has been seen, the established and free Churches of Scotland have missions in the large cities, devoted mainly to higher education. Besides these, they have some prosperous missions in rural districts.

The Presbyterian Church in the United States began work at Lodiaua, in Upper India, in 1834; but active operations were delayed some time, owing to sickness among the missionaries. Three years later a Church was organized, schools opened, and evangelistic work carried on. Soon after Futteghurh, Manipuri, Furrukabad, and many other stations in the north-west were occupied, and finally formed into four presbyteries—Lodiaua, Lahore, Furrukabad, and Allahabad. The mission suffered greatly in the mutiny of 1857, Messrs. Campbell, Freeman, Johnson, and McMullin, with their wives and two children of the first, falling victims in the Cawnpore massacre. The presbytery of Kalhopore, in Western India, was formed in 1870. The society has done a vast deal of publishing in the vernacular, besides educational and evangelistic work.

The Arcot Mission of the Reformed Church in America, founded in 1857, has been carried on successfully in eight principal stations.

The United Presbyterian Church in the United States has had a mission at Sealkote, in the Punjâb, since 1854, and the United Presbyterian Church in Scotland, one in Rajputâna since 1860, both doing successful work.

The Canadian Presbyterian Mission at Mhow and Indore, in Central India, was begun in 1877, and is occupying a most populous and needy field.

These seven societies, with the Irish Presbyterian, have seven Woman's Foreign Missionary Societies in connection with their work, and number one hundred and nine foreign missionaries, twenty-three native ordained agents, about ten thousand native Christians, and forty-five hundred communicants.

MORAVIANS AND FRIENDS.

The former of these, in accord with their self-denying principles, began a mission in the inhospitable Himâlayas, on the Tibetan frontier, in 1855. The latter began work at Benâres in 1866, but soon transferred their labors to Jubbulpore, Sohagpore, and Hoshingabad. Some of their most zealous workers are ladies. In these two societies together are five foreign missionaries and small Christian communities, with a few members.

UNDENOMINATIONAL.

The Basel Evangelical Missionary Society has already been adverted to. Since 1838 Gessner's Missionary Society has been doing most successful work in different parts of Bengâl and Central India, having a Christian community of about thirty thousand, mostly Kôls. The Christian Vernacular Education Society has been doing a grand work since the mutiny in supplying English and vernacular literature, and in sup-

porting normal schools. A flourishing mission among the Sântâls has been carried on since 1867 by some Scandinavian missionaries, supported in India. An independent mission has been carried on in the delta of the Godavery since 1837, attended with good success. Since 1877 Dr. D. Morrison has been laboring in a private capacity at Rampore Bauleah, in Bengâl. At Punrûtti, in the Arcot District, is a mission and orphanage, carried on by Mr. and Miss Reade. A mission to the lepers is conducted in the Himâlayas, resulting in their temporal and spiritual good. A medical training institute is established at Agra. Miss Anstey's orphanage at Colar is a fruitful field. The Bassim mission in Berar is also conducted by ladies. A few other private missions are in operation in different parts. In all of these are one hundred and twenty-three foreign missionaries, eighteen native ordained agents, about forty-five thousand native Christians, and eighteen thousand communicants.

5. METHODS OF WORK.

TRANSLATIONS AND PUBLICATIONS.

The first work that offered itself to the early missionaries was the translation of the Scriptures and publishing them in the vernaculars; for how could they evangelize the people without their great instrument, the Word of God, in the language of the people? In this they met with many difficulties at the outset. Grammars and dictionaries, in many cases, were wanting as well as suitable teachers. In addition to this,

among the hill tribes there was no written language, and it is mostly due to missionaries that their languages have been reduced to writing—a work which is still going on in some of the dialects. As might be supposed, the early translations were very defective, and still the work of revision is going on, affording labor for the best linguists. There is, perhaps, not a person in India who can read but has access to the Scriptures in his own tongue, and even in his own dialect.

Next to the translation of the Bible has been the work of preparing tracts and a Christian literature in the various languages. Of all that had ever been published in this land during the many centuries, there was not found reading suitable even for schools. There is now quite a literature of wholesome books in many of the languages, while others are being constantly added. There is still, however, a great field open for authors and publishers. Religious periodicals in all the languages are being freely circulated. Of the tracts that have been published, many have been scattered gratuitously over the land, and not a few cases of conversion have resulted from them, as also from the simple reading of the Scriptures, accompanied by the power of the Holy Spirit; but, as a rule, the gratuitous distribution of tracts is not considered the best. So a nominal price is set upon them that they may be the better appreciated, and not wantonly destroyed, as otherwise would often be done. To serious inquirers they may be presented with good results. The various Bible and tract societies, local and foreign, have been

valuable auxiliaries in this great work, their management in this country, for the most part, being in the hands of missionaries and other ministers, and collections being taken in the various English and native congregations.

Colporteurs are employed to canvass the country, making a part of their support from their sales. Also, shops are opened in the cities, and occasionally a friendly heathen bookseller will keep Christian books for sale in his shop.

SCHOOLS AND SUNDAY-SCHOOLS.

As we have observed, some missions and missionaries, seeing the great difficulty in reaching grown people, have laid great stress upon education as an agency for advancing the cause of salvation; but it is very doubtful whether the results have been commensurate with the labor and expense; though it was in this way that the State was first incited to its great work of supporting schools for the people. In these schools many heathen teachers were employed at first, as Christian teachers were not procurable. Secular training is accompanied by the teaching of the Scriptures, which has resulted in some notable conversions. But while most generally those trained in the schools lose faith in their own systems, very few are induced to embrace Christianity, which is quite another thing; and, indeed, in some cases the most obstinate opposers are those who have been educated in mission schools. Still nearly all missions have considered it a part of

their work to establish free schools, or those with only a nominal fee, for the neglected poor and low classes.

There is no doubt that the hope of the country lies in impressing the children rather than those who have grown old in idolatry and superstition; and hence some, in addition to the Sunday session of the day school for the study of sacred truth, have organized Sunday-schools. To begin, these various expedients have been employed to attract the children. Even sometimes, as in establishing day schools, at first a little money has been offered. However, the offer of a picture card or small book is in many cases sufficient to bring them, and after they get once interested in the native hymns and other services they come very readily of themselves and are active in bringing others. The chief exercises are learning to sing religious songs and repeat passages of Scripture, especially the Ten Commandments and Lord's Prayer, along with lessons in Bible history, etc. Those who may be able to read are taught more directly from the Bible. To increase the enthusiasm anniversaries are celebrated with processions, banners, speeches, singing, and simple refreshments; and perhaps some rewards in the shape of a suit of clothes for the poor children are given. The great difficulty is to procure suitable teachers in sufficient numbers; and hence they can not be conducted very extensively until a Christian community is first raised up.

In these Sunday-schools some have been soundly converted and brought into the fold, while some have

died pointing their heathen parents and friends to the Savior, to whom they declared they were going.

The pioneers in Sunday-schools of this latter kind have been the American Methodist missionaries, who have met with great success, especially in the north, where they have two hundred and eighty-one Sunday-schools and thirteen thousand one hundred and eleven pupils, besides two hundred and seventy-two day schools. Others, however, are following their example.

ORPHANAGES.

Famines in different parts of India have left large numbers of orphans to perish if not cared for by the charity of others. The government itself has done much in this regard, but has usually been quite willing when the famine is over to transfer its interest to missionaries or others who would undertake the responsibility. In this and other ways many missions have orphanages under their care, notwithstanding the expense entailed. Having the children completely under their control, and excluded from heathen influence around them, they have no difficulty in making nominal Christians of them, and also many are soundly converted. In order to get them settled in life and to enable them to help themselves, they need to be taught some kind of work, and even then they are not always best fitted for life's battles. There may be some difficulty in getting Christian partners for them unless there are both boys and girls. After all, the results are supposed to repay amply for the outlay. Two

things need to be well looked after in the orphanage; that is, that the children be taught to care for themselves, and that they be thoroughly converted and instructed in the religious life. In this case they may not only get on in life, but may become very useful agents in bringing others into the fold.

DISPENSARIES, SONG SERVICES, ETC.

There are quite a number of medical missionaries in the land who superintend dispensaries and visit the sick in their homes. In connection with the dispensing of medicines to the people they also dispense the Word of life. The prejudices against such have almost ceased where they have been any time established, and now there is very little difficulty in getting the people to come. Before the dispensary is opened in the morning the missionary and catechists address them on spiritual things. Even where there is no regular physician something has often been done in this way. It is a great help for any missionary to be able to advise the people and administer simple remedies when they are sick. This, too, is a key to the zenana which lady physicians have used with great zeal in many cases. Sometimes it is the only key, but lady missionaries have found the teaching of needle-work, plain and fancy, and other means to be very useful in attracting native women, and thus preparing their minds for the reception of spiritual teaching. As a rule, it is only ladies who can get access to the zenana at all, and hence the great need of female workers.

As a means of attracting a crowd of people, however, nothing else succeeds so well as song services, magic lanterns, stereopticons, etc. The first is made up of singing native airs, accompanied with native music, interspersed with speaking by the leader of the party, all illustrating a particular subject, such as Jesus Christ, caste pride, etc. Thousands flock to see a magic lantern exhibition who would never come for other objects; but while they may be interested they may also be instructed. The scenes are mostly Biblical, but sometimes interspersed with comical, and perhaps those on astronomy and natural history, all accompanied by suitable explanations and exhortations. The looking at a drop of water greatly magnified, showing the animalcula, gives them a new idea about taking animal life.

PREACHING.

Of course, the great means of spreading the Gospel is the ancient one of preaching, all others being auxiliary to that, and legitimate just so far as conducive to that. As in all pioneer work, the preacher must go to the people and not wait for them to come to him, which of themselves they would never do; so the missionary must use every means to gather a congregation. It is not enough even to build a chapel in their midst and expect them to come at the toll of the bell and fill it; at any rate, not till they get somewhat acquainted and rid of their prejudices. The first place that suggests itself for finding a congregation is out in the

streets in the bazaars, which are crowded during all the day, or especially morning and evening. For preaching in such places the missionary will need all the strength and skill he can command. It is in the open air; the minds of the people are preoccupied largely with other things, but curiosity induces them to stop a few minutes, when, unless much interested, they are off again; there are usually a few, one or more, ready to create a disturbance, the most common method being to try to draw the speaker into a debate. Discussions in every case should be postponed, at least till the preaching is over, if not altogether. It is better to have two or three short, pointed addresses than one long one, and then, if others are present, let them corroborate the preaching with their personal testimony. After this service is over, if a house is available, as should be if possible, any wishing to converse on the subject of salvation should be invited to stay, and any wishing to discuss should be invited to the missionary's house or other eligible place. Not often will these accept, for they propose discussion only to hinder the preaching. Occasionally one will endeavor to drive all the people away, and if of some influence he may succeed, but another crowd will soon collect.

The more practical and pointed the preaching the better, and it should be well illustrated with things the people are familiar with. Hence the necessity of being acquainted with their customs and manners, as also their proverbs and their religions. The mission-

ary will require all the grace he can get to keep sweet amid the many annoyances that may occur. He should not be surprised if, at the close, he is greeted by a skeptical shout, followed by words not at all flattering, even if not by some things less complimentary. It is mostly the loafers and roughs who wait till the service is over, though now and then a very quiet and attentive listener may be observed who takes no part in the abuse, but lingers behind, and if an opportunity is afforded will enter into a private conversation with the missionary. His case may be a hopeful one, but it is well enough for the missionary to fortify himself for many a disappointment from inquirers; but this, of course, should be without at all betraying his suspicions or weakening his faith. Nine cases out of ten some selfish motive is at the bottom, the most common of which being the desire of a situation, which it is supposed the missionary's influence will secure without any difficulty, though he may have not the least knowledge of him or his fitness for it. Still, even in such a case, an opportunity may be given for impressing something better on his mind.

Thus the message should be delivered, though in much weakness, trusting to the Holy Spirit to apply it.

A favorite place for some for preaching is at the great festivals, when vast numbers congregate professedly for religious purposes. When their ceremonies are not going on, congregations consisting of many thousands may be got within sound of the voice, but they partake more or less of the character of the itin-

erating congregations in the bazaars. It is quite in error to suppose that one out of a thousand goes there from a sense of his sins. In nearly every case it is some temporal benefit sought for, if not for the mere pleasure of seeing and being seen. It, however, affords a good opportunity for the colporteur to dispose of tracts, books, and Scripture portions. It affords less opportunity for following up any impressions that may have been made than almost any other kind of preaching, for in a few days the thousands are scattered everywhere; and if one impressed should be in reach of a missionary, it is most likely a strange one, to whom he would hesitate to go. Still it is one way of casting the bread upon the waters.

There is still one method of getting a congregation that applies more particularly to educated natives; namely, to procure halls in large cities in which lectures are given in English or the vernacular. Some have found this a very successful method.

ITINERATING.

Half a century ago many missionaries were impressed with the importance of reaching the people in the country as being more impressible than those under the worldly and ungodly influences of the city. To do this they planned very long tours, occupying sometimes months in the cold season and extending hundreds of miles. As a preparation for this they required tents, carts, servants, and horses or carriages for themselves. Several helpers perhaps would accompany

the missionary, and they would go from village to village, stopping a day or two in a place, preaching, distributing tracts, and conversing, but generally without expecting immediate and tangible results. For how, indeed, could such be expected when they would certainly not see the place again for a twelvemonth, even if ever. Some seeing this resolved to visit oftener, or perhaps have a colleague to go over the ground; but they undertook too large fields and were thus unable to carry out their purpose. No doubt good was done in this way, for God's Word shall not return unto him void, but it was altogether too random and scattering.

CIRCUIT SYSTEM.

It is remarkable how, after all, that which has proved the most successful among the heathen is practically the same as what has proved so successful among others. In pioneer work in America and other new countries the settlements were few and far between, and the laborers so few that each one was compelled to travel circuits of hundreds of miles in extent and requiring a month or six weeks to compass it. But in this densely populated country almost anywhere a circuit of fifty villages, large and small, containing a population of from one to two hundred thousand, may be formed in a radius of twenty miles or less. That is field enough for one missionary with a dozen or more helpers to cultivate. Should he have so many helpers under his superintendence, after accompanying them to different parts of the field and opening up the work

in person, each one might be placed over half-a-dozen or so of the villages, to reside in the most eligible one and visit and preach in the rest, which would not require more than five or six miles walking from his home, while the superintending missionary could circulate through the whole, visiting each helper, if not each appointment, once a month or oftener. If, however, he is short of assistants, he must cut his garment according to his cloth, and thus contract the limits of his large circuit. In addition to preaching and visiting from house to house, perhaps schools might be conveniently opened in some of the villages, and also Bible-women employed to work among the females.

It is on some such system as this, with persistent hand to hand work, that the greatest results have been attained, as, for instance, among the Tamils in Ténnevelly and Trichinopoly, the Telugus in Ongole, the Sântâls in Bengâl, the Kôls in Chota Nagpore, and the Karens in Burmah. In any case, the work begun must be carried on with the most untiring zeal and assiduity. If the evil one is ready in Christian lands to snatch up the seed sown, much more is he ready here, and so there is required line upon line, precept upon precept, here a little and there a great deal. In such a vast field, however, as this is, with such a heterogeneous mass of people united only in one thing, that is, their opposition to Christ, every variety of workmen and every means and agency may be adopted to get people saved. The end will justify the means provided the means secures the salvation of souls.

6. WOMAN'S WORK IN THE INDIAN MISSION FIELD.

In no other branch of Indian missions has there been such an impulse received during the past dozen years as that of woman's work. The wives of missionaries have long since realized that there was a special mission for women to their down-trodden sisters in heathen lands, and, in connection with a few single ladies who had been sent out by the various societies as teachers, had inaugurated this department of labor. It was not, however, till about the year 1870 that the ladies of the various Churches in the United States and Great Britain felt the burden laid upon them to organize more fully for this great task. Since that time nearly two hundred female missionaries have been sent to India, representing about twenty different societies. Of these about a score have been engaged in medical work, and the remainder in teaching in schools, orphanages, and in private houses or zenanas, to which females alone can obtain admission. The greatest obstacle they have met with is the custom of child-marriage, which, in most cases, subjects the women to the men as completely as ever Roman slave was to his master. Of the twenty-one millions of widows in India about half have never been wives at all. They have been heard by the zenana ladies to say, "Your government stopped our burning ourselves with the bodies of our husbands, and we are now left without a remedy." The authorities have been appealed to to legislate in this matter, and no doubt ere long they

will see their way to do so. Custom has long forbidden a widow to re-marry. Those who refused to perform "suttee"—burning themselves on the funeral pyre of their husbands—were regarded with contempt. No privileges were accorded to them. They were banished to the work-rooms of the zenanas, never receiving company nor mingling on an equality with the other women of the family, but doling out a miserable existence as servants and outcasts. Since the government has reversed this order of things, a very few instances have occurred of the re-marriage of widows, and the precedent having been thus set, it will probably be followed hereafter in numerous instances. To men who have lost their wives there has never been any restriction in the matter of their marrying again.

Notwithstanding all the hindrances much success has attended these labors, and there is every encouragement to push on the work with greater zeal.

In the month of December, 1882, fifty-two of these lady missionaries assembled in Lahore, and spent five hours a day for five days in the discussion of their work in the Punjâb under the following heads:

Day and boarding schools—European, Eurasian, Native Christian, Normal, and Heathen.

Sunday-schools and orphanages.

Zenana work.

The selection, training, and salaries of female agents.

Vernacular literature, general and educational.

Medical missions and training of assistants.

Village work.

But to give an idea how the minds of Christians are being revolutionized so as to recognize the true position of woman in the great work of evangelizing the world, at the Decennial Conference for the missionaries of all India held in Allababad in December, 1872, an invitation was given to a lady missionary to furnish a short paper to be read for her at the conference, while at the one held in 1882 in Calcutta the ladies were allowed one whole session for the reading of papers and the discussion of their work, in which they acquitted themselves so well that an evening was set apart for them in which to continue their discussions.

At the close of this conference the lady missionaries formed a Woman's Home Missionary Association of India, the object and plans of which are as follows:

Object.—The object of this association shall be to promote voluntary mission work among Christian women of all classes.

Membership.—The condition of membership shall be not less than three hours a week spent in giving religious instruction to servants, neighbors, in zenanas, or wherever opportunity offers. The study of a vernacular language, with a view to engaging in such work, will entitle to membership.

Organization.—The general interests of the association shall be directed by a committee of three, who shall have power to fill vacancies, and whose chairman shall be secretary of the association.

The regular meetings of this association, for the

appointment of the committee and the transaction of business, shall be at the time and place of the Decennial Conference.

In stations where a number of Christians can be brought together in schools and in the Churches auxiliary associations may be formed, holding monthly meetings and arranging and directing their work.

Annual Report.—The auxiliaries and individual members, where auxiliaries are not formed, will report to the secretary on or before the first of July of each year, when a general report will be published.

The following appointments were made:

Central Committee.—Mrs. McGrew, Methodist Episcopal Mission; *Cawnpore*, Mrs. J. Newton, American Presbyterian Mission; *Lahore*, Miss Leslie, Independent Mission, *Calcutta*.

From this it will be seen that these ladies are endeavoring to utilize all the available agency in the country, for which purpose they are enlisting and training many Christian ladies who bid fair to do a work for India which is simply incalculable. In the van of this particular department are the ladies sent out by the Woman's Foreign Missionary Society of the Methodist Episcopal Church, who have added to their number a large corps of workers in India who are most valuable as assistants.

This waking up of the conscience of Christian women is no doubt one of the most hopeful signs of the times, and if so much has been done in so short a time, what may not be expected in the near future?

7. MEANS OF SUPPORT.

When only recently the national assembly of France refused to vote the money for carrying on war in Egypt, nothing was left to be done but to withdraw from the field. So in any great enterprise it is considered lawful to inquire where the "sinews of war" are to come from. It should not, however, be forgotten in this great warfare, that our Lord of the Exchequer has said, "Every beast of the forest is mine, and the cattle upon a thousand hills;" and in this connection he would, no doubt, add "the gold and the silver."

HOME BOARDS.

The great Lord of the harvest has given a grand opportunity for all to engage in this grand work of evangelizing India and the world. Those who can not come themselves can pray for more laborers, and also for greater success, and, in addition, may answer in part their own prayers by lending to the Lord some of the means he has committed to their care for this very purpose; just as the patriotic sons of America in the great struggle for life and liberty did to their government, to which they owed all they had. Though many Churches in Christian lands have done well in this particular, yet not a tithe of what they might and ought to do; otherwise there would not be so many empty mission treasuries, and some of them even in debt, while new fields are opening in every quarter of the globe, and old ones need re-enforcing. Money

has never been better applied than in this way. With few exceptions, perhaps, the missionaries thus supported are grand men doing a grand work, and the salaries which they get are not better than they deserve, nor perhaps better than they could get preaching in their own land, as a general thing, though there is considerable inequality among them. While some societies give as high as two hundred and fifty or three hundred rupees a month for a married man, with an addition for each child, others do not give half as much, especially some of the German societies.

INDIAN CHURCHES.

While other Churches and individuals have been working and giving for India it is only fair that India should work and give for itself. A number of missions, as the Sântâl, are supported by funds collected from Churches and individuals in this country. There are advantages in having the base of supplies near the field of operations, as is recognized by every general. The Great Commander, weary of waiting for mission boards to do all the work, and, at the same time, knowing what impediments merely nominal Christians are to the work, but how they might be conserved when saved and enlisted, determined on raising up a self-supporting mission Church in India, and for this purpose sent his servant, Willian Taylor. When the first re-enforcements came to this work from America they were provided with homes among the people, and it was proposed that, in addition to their board, cloth-

ing, and traveling expenses, they should have thirty rupees a month as pocket money, but they with one consent, declined. The one married missionary, at the time having ascertained just what he could live on with his family, refused to receive more. With some modifications, according to the varying circumstances, such has been the financial policy of this mission for these ten years, and such it continues. And notwithstanding no higher amount than about one hundred and fifty rupees a month is received by any one and in most cases much less, yet they have never suffered for food, though allowed oftentimes to touch the bottom of the barrel, just as preachers elsewhere.

While it is pleasant to have the question of support settled and quite off the mind, it is at the same time a great means of developing faith to have to trust Providence more directly day by day for daily bread. Knowing the difficulty of weaning Churches and people who have been depending on outside help, and how missionaries have deplored such a state of things, this mission continues to decline to receive salaries from foreign sources, but accepts help for building schools, etc., in whatever way it may come. It received in that way fifteen thousand rupees during the past year. Even heathenism flourishes more where it is not endowed, but has to support itself.

“FAITH MISSIONS.”

In order to develop and exhibit this faith more fully still some have felt led of the Lord to go far

away from human agency and without any visible means at all to trust the Lord for support. Such is the case of a few institutions in Germany, England, and America. In this way the Godavery Delta Mission has been carried on for forty-five years. Quite a number of other missions have followed the example of this pioneer, the Bassim Mission, the Telugu Mission and Orphanage, and the Calar Orphanage, where nearly four hundred children, saved from the late famine, have been supported in that way.

In every case God has honored the faith of his servants after trying it thoroughly, thus stimulating the faith of others as well.

PAULINE SELF-SUPPORT.

Paul, though distinctly avowing his right to support from the Churches which he served, yet waived that right, especially with reference to Corinth, where the people were so wedded to the world and money, working with his own hands at his trade of tent-making, that they might have no possible chance for charging him with preaching for a salary. Some of the workers in India for the same reason, and the additional ones that the heathen among whom they labor can not be asked to support the Gospel (though the writer himself has had experience of their hospitality), and the Churches have their hands full, are supporting themselves in various ways, and devoting all the time they can command to the Lord's work. A few there have been like Dr. Coke, whose means allowed them

to do this without work, but others have worked at teaching, writing, editing, merchandise, and some even at agriculture or some handicraft, like Paul.

We have already seen how some of the early missionaries contributed to their own support and the forwarding of the Gospel in this way. It was on this basis that Gossner's Missionary Society was founded, and it was only after funds flowed in more abundantly that the workers received support, and then only very meager. It is truly surprising how little a family can live on and how much time one can spare for mission-work when he has a mind to it. Of course, he must deny himself many things and carry on work on the most economical principles; but that will inspire his helpers with a similar spirit, and they, instead of complaining of the disparity between their and his salaries, will emulate his example of self-denial.

In imagination accompany the itinerant missionary on one of his pioneer circuits. Though it is the rainy season, yet we shall wait no longer for settled weather. Thanks to a beneficent Providence and a Hoosier farm-life, though he may have neither carriage nor horse, he has two good legs that have never failed him, and sole leather is cheap, notwithstanding what the shoemaker says. Here is Narayen, the native assistant, who lives on five rupees a month, most of which he gets for teaching in the mission vernacular school, and is ever ready for touring, though he has not been very well tested yet. With umbrella for stick the missionary throws his bag across his shoulders after the man-

ner of the irrepressible tramp or carpet-bagger, and off they go together at six o'clock in the morning. Ha! just snuff this Deccan air, laden with its thousand sweets from the famous gardens of roses. What would they not give for such Summer weather in other countries? We shall cut across the nearest way by the lawn tennis ground, and some of the "upper ten" are already here for their morning game. Across the railway we go, and if it were going our direction we might be tempted to take a fourth class ticket and board it, but then it would not be so convenient for our itinerating. See this fine avenue through which the road goes with peepul and babul branches intertwining overhead thick as an arbor. There is the board of "H. H., the Nabob of Jungeera," who is staying for the season. Look at those beautiful gardens with band-stand, where the *elite* come out in numbers when the weather is fair; but we shall not take up our precious time in passing through. Now we cross the bridge, and have a full view of the bund, built at the cost of many thousands by the Parsee baronet to supply the city with water before the present works were constructed. A few days ago the water was nearly level, but having subsided somewhat there is considerable fall at present. On the hill beyond is the famous Yerowda Temple, which is reached by a long flight of steps; but here is the village of Yerowda itself, with its tottering walls. There are a number of men enjoying their morning gossip. The missionary accosts them, and without preliminaries tells them of

the best news the world has ever heard, backing it up by his own personal testimony of the power of the Lord Jesus Christ to save, and perhaps adding, by way of corroboration, that, unlike most of foreigners, he has not come ten thousand miles to get either money or reputation, seeing that he paid his own passage to this land and now gets no salary, just what little food and raiment may be required in this mild climate; and as for honor, instead of that he gets oftentimes abuse and persecution, and that not from Indians alone, but from many of his own race, to whom he would be glad to do good. Then, to prove the value of going two and two, Narayen follows up with an exhortation and application. By this time quite a crowd has gathered, and one man who wants to exhibit himself endeavors to drive the rest away, but without success. As an evidence of what we preach about a spiritual, omnipresent God interested in his creatures, we close with prayer, during which the most profound silence is preserved. This, however, is not always the case.

Bidding them farewell, with a promise to come again, off we go for the next station. As usual at this season, the roads are undergoing repairs, but as it is only one side at a time our progress is not impeded. Men dig up the old metal and women carry the new prepared by the roadside in pans on their heads, and in the same way the dirt or gravel that goes on top, which, after being leveled, is pressed down by a stone or iron roller, drawn by several yoke of oxen or buffaloes. In the city are steam rollers. Just over the

way there is the Government Central Jail containing several hundred prisoners, who, if accessible, would afford us a good audience. It is said many of them are perfectly content, having plenty to eat, and when one term is out they soon find their way back again; indeed, it has been asserted that one prisoner at one time being released wanted to know what crime he had been guilty of that he was dismissed. They do all kinds of work—carpenter, printing, weaving, spinning, gardening, and, under European supervision, turn out a good article.

Narayen now coming up enlivens the journey by reciting some of his adventures at Kandahar during the late war in Afghanistan, the scars of which he still bears, though his promised pension has not come. Not the least interesting of his exploits was his preaching to the Sepoys and Kâbûlis while there.

“But, Narayen, where are your shoes? This stony road is hurting your feet.”

“I have none. The last ones given me are entirely gone.”

“I am sorry; these I have on are quite old enough to cast off, only I have no others so well suited for marching; but I must get some Christian friend to give you a pair. How quickly we pass the mile-stones! I venture they will not appear so near together by the time we get through.”

The fields of bajri and other grains look well, though it is only here and there a small patch can be tilled for the stones. Herds of cattle and flocks of

goats are grazing over the rocky plains and hills, green and fresh by the recent rains.

Narayan, unlike his companion, did not have his breakfast before starting, so as here is a nice stream of clear water he goes down by its side for his repast, while the missionary, anxious to sow beside all waters, proceeds a little distance to occupy the time in conversation with half a dozen wagoners, who are eating their bajri bread under a fine mango tree.

“Salâm, Bâbâ.”

“Râm râm, râm râm.”

“Mî thakûn gelô.” (I am quite tired.)

“Tûzapâshi gâdi, ghôdâ nâhî kây?” (Have you no carriage nor horse?)

“Mazapâshi kâhî nâhî.” (I have nothing.)

“Parantû âmhî tûzhâ hêlkari pâhilâ.” (But we saw your cooly.)

“Nâhî, tô mâzhâ hêlkari nâhî, tô mâzhâ bhâû âhê; tyâtsâ hêl tô nêtô, ânî mâzhâ mî nêtô.” (No, he is not my cooly, he is my brother; he carries his own load while I carry mine.)

“Tû rôz lâmb zâtôs kây?” (Do you go far in a day?)

Mâzhyâ dêshânt mî rôz rôz vîs kôs zât asê tar yâ dêshânt ûshnatê mûlê mîê dâhâts kôs zâtô.” (In my country I used to go forty miles a day, but in this country, on account of the heat, I go only twenty).

This gave an opportunity of telling how he happened to come to India from so far and to impress upon them the necessity of that salvation he had

come to preach. This they all assented to and went their way.

What may be the effect, who can tell? This we know, the Word of God is powerful when corroborated by the testimony for Jesus.

By this time Narayen coming up, they proceed on their way.

That is Wagholi, with its old stone wall and massive gate. What troublous times they used to have in these parts; now the Mohammedans prevail and now the Marâthas are in power. A better defense, however, seems to be the mass of prickly pear growing rank and dense and tall outside the walls.

Wagholi is a jaghire held by a petty native prince. When here a year ago in company with a brother missionary and the magistrate who was a friend of the Jaghirdar, we waited upon him, and after a time, the cattle being cleared out of the reception-room, a cotton carpet thrown down and four chairs mustered up in the village, the prince came out and gave us a princely reception, offering us in a pewter-looking cup a drink from some one's old stock of porter, which we respectfully declined. We had the opportunity of bearing our testimony to him and the bystanders, after which he, old and decrepit, accompanied us to the village gate. He was childless, and his lawful heir, a nephew, was dissolute, so he was anxious to have the government permit him to adopt a son. We impressed upon him the necessity of other preparation for death, and bade him farewell with a hearty shake of the hand.

As it is only recently that we have been freed from other duties to devote ourselves exclusively to native work, we have not been here since, and soon after our visit the old man was going on a visit to his other estates; so it is not likely he is here at this time.

Do you see that temple of Shiv there by the tank, with its inevitable stone bull and ling before it?

Once inside the walls, we pass on through till we come to the temples of Gunputty and Marsoty, before which we halt and put down our luggage. See these people, one by one, boy, woman, man, go into the temple, make their offerings and compass the altar four or five times, each time making obeisance to the ugly image.

However, they stop to listen to Narayen as he reads a portion of Scripture and discourses to the small crowd of men, women, and children gathered around, the most of the men of the village being out in the fields at this time of day. In illustration of his speech he now and then sings a verse of a native Christian hymn, which very much interests some of them, especially a jolly, fat woman, who assents to every thing. The singing of the hymn, "Shall we gather at the river?" in the Marâthi, gives the missionary a text, "The water of life," about which they are much interested, as they appreciate the value of water more than most others, and know how every thing perishes in time of drought.

On our way back to the gate we accost some shopkeepers about their love of money, quoting the Savior's language, "What shall it profit a man if he gain

the whole world and lose his own soul?" An old man is washing his teeth at his door, and, after reminding him of the nearness of death, we ask him where he expects to go. He unhesitatingly replies, "To God." But on being interrogated as to the grounds of his assurance, he replies nothing, but listens while we show him how he may have the real assurance. The word "salâm," which is the Arabic cognate of the Hebrew "Shalom," affords a text for preaching peace to a number sitting outside the gate. The missionary will never use the Hindu form of salutation in the name of Râm.

Four miles more, with hardly a hut intervening, brings us to Loni, where we find a good stopping-place in the rest-house of the native soldiers when on the march. It is freer from vermin than the native dharmasala, and has fewer mosquitoes than the traveler's bungalow, and nothing to pay. A water-pot serves us a good purpose, and there is a nice stream flowing hard by, so in a few minutes, after once more invoking the divine blessing on our labors, we partake of the bread and beef and butter found in the bag, thanks to the good wife and Christian servant—a necessary precaution, since we can not always depend on getting food in the villages at a moment's notice. Then, after bathing our feet according to our army experience, and taking a little nap, we leave Narayen to stay by the stuff and rest his feet, while we proceed three miles to the river Bheema, which is crossed by a ferry at this season of the year for half an anna; but as there is

plenty of work on this side, we need not extend our circuit farther for the present, though just across is the village of Koregaum. This is the place where the Marâthas, twenty-five thousand strong, including a large number of Arabs, under the command of the Peishwa in person, made their last attempt to restore their tottering empire on the 1st of January, 1818. They were, however, kept in check during the whole of that New-year's day by five hundred native infantry, two hundred and fifty native cavalry, and a detachment of twenty-five European artillery with two guns, all under the command of Captain Staunton. Their loss was one hundred and seventy-five men, twenty being of the artillery, against a loss of five hundred or six hundred of the Marâthas.

On the hill over there is where the Peishwa sat, screened from the sun. Near by, on this side of the river, is an obelisk about fifty feet high, erected by the British Government four years after, to commemorate the event. It is built of black basalt, finely polished, and on it the victory is denominated one of the most glorious achievements of the British arms. A little way beyond the Bheema is the tomb of a gallant British officer, Colonel Wallace, which is worshiped by the Hindûs.

Having seen the monument, with the names of the participants inscribed on it in English and Marâthi, let us ascertain whether that village over the way is on this side of the river or not. To do this we must cross the fields of young bajri; and, by the way, this is a

fine, loose, black soil, and ought to produce well, and, from the number of wagons we have been meeting loaded with grain, it must produce well. See that jackal on the left, and that covey of quail on the right; but they do not seem to be very suspicious of us. Yes, the village is on this side, and we must preach to them, possibly the first visit of a foreign missionary they have had. How shy the women and children are in these country places, clearing quite out of the road for a European. They are, however, quite amenable to any attention they may receive. There are the inevitable temples, and here the men seem to be discussing the news of the day. After preaching Jesus to them for some time, one man flouts at the idea that Jesus Christ is his Creator and Redeemer and Judge; but we tell him that he can get rid of the fact that he is under the British Government as easily as that he is under the Savior, however unpalatable it may be to him. The name of this village, we find by inquiry, is Perena, and a mile beyond is Dongargaum; but the late hour and the threatening clouds remind us that we must hasten back. See those men irrigating the sugar-cane. It requires much water. We shall return by the traveler's bungalow, and see that large grove of banyans, a half-dozen or so, the boughs of each reaching out fifty feet on every side, and only a few feet above the head, notwithstanding they are not supported by their usual stems, which have not been allowed to grow. The old mess-man who entertained

us a year ago allows us to talk to him about his soul; but he seems hardened, poor fellow!

Ho, ho! Narayen, are you tired waiting? Now we must make a sally into Loni itself, whose ancient mud walls are still standing in some places. We are ushered into the government school, which is an old temple of Bhairawa—the best use, no doubt, that it has ever been put to—and the bell is much more profitable to call in the children than to wake the sleeping god. However, it is very sad to have his ugly visage peering down upon the children all the time. The smiling school-master gives us his chair, and calls up his classes, two of which we examine in reading, and, after giving them some advice, we sign our name in the visitors' book, in which we see the name of our friend Winsor, of the American Board (a brother of our college-mate, Sam. Winsor), who, it seems, was here, and visited the school just six months ago.

The schools seem to be held early in the morning and late in the evening, with a long recess, though the weather does not require it now. But where shall we get the people to assemble together? In the town hall. Very well. By the time we have sung a native air showing the vanity of works of all kinds, a large crowd seat themselves before us on the ground-floor. After reading them a tract entitled "The Well of Sin," and addressing them for awhile, Narayen follows, and becomes very interested in their attentiveness, and keeps them till it is quite dark, applying his Sanskrit

quotation, “Pâpohum, pâpakarmâhum, pâpâtâmâ, pâpasambhar,” in which man’s total depravity is so plainly set forth.

Now we return to our resting-place for the night, spread out our thick cotton quilt or comforter on the earthen floor, and use the extra coat for a pillow. Meantime the pint and a half of milk and two warm, fresh bajri cakes, which had been ordered for two annas, have come, and are eaten by both of us with a relish, though it may be a good thing for our stomachs that it is too dark to see them well.

Having performed our evening devotions, we repose ourselves, not in the arms of Morpheus or any other heathen god, but on the bosom of the Keeper of Israel, who neither slumbers nor sleeps, but giveth his beloved sleep.

If you wake up in the night, and are reminded of Wesley’s remark to John Nelson under similar circumstances, that he had one whole side yet, just turn over that one to the floor, and let the other recuperate. If, after all, a good conscience will not prove a better soporific than a downy pillow, just get up and yield yourself to the soothing influences of Orion, or the Pleiades, or the Great Bear, or the Southern Cross, or the moon playing hide-and-seek behind the passing clouds. Listen to the sough of the wind among the branches of the trees, or the murmur of the rivulet under the bridge. Have you ever seen the subdued richness of a tropical moonlight? What a mellow grandeur in the peculiar foliage, and how sublime

those great hills in the background ! Why is the night so well adapted to meditation ? One reason, no doubt, is that man is asleep, and you see only God. The trail of the serpent is hardly visible at night.

At last the morning light is breaking, the darkness disappears, and away we go, after prayer and the reading of a part of that inimitable one hundred and nineteenth Psalm and the fifty-second chapter of Isaiah, to the village again, even before the people are up. But soon we have as good a crowd as last night, and Narayen discourses eloquently to them ; but we find that it is rather early for preaching, and our tongue seems to be in sympathy with our joints, which need oiling. But they listen attentively, and the interest seems to be real.

Now for a tramp of four miles across the hills, where a carriage could never go, to Kesnund, where the Patel soon musters for us, in front of their temple and school-room, a crowd of fine, tall men, who also listen well. When asked why they should not worship one stone as well as another, they explain that the goat and the dog are both alike flesh and blood, and yet we eat the goat and not the dog. But it was replied that some people, as the Chinese, eat the dog. What flimsy excuses they make for their idolatry ! Sometimes they seem to be really ashamed of it ; but at it they go again, wedded to their idols.

About eight years ago two men of this village were baptized by a missionary in Poona, but, having no teacher, they gave up the profession of Christianity,

though still claiming that they secretly follow the Savior. To give them an opportunity, if present, of making themselves known, we made inquiries, but could learn nothing; though it is to be hoped that they will yet come out fully and form the nucleus of a Church in this place.

On our way back some men plowing in a field leave their bullocks and run to us for tracts, which we give them, accompanied with an exhortation. It is ten o'clock when we reach Loni again, and quite time for breakfast. As Narayen wishes to remain a few days to follow up the impression here, he is permitted to do so. Giving him the remaining pice for his food, we shoulder our bag again, and off we trudge to meet the Sabbath engagements to-morrow. Our progress is considerably impeded by the strong and continuous south-west wind, with now and then dashes of rain full in the face, which remind one of the north-westerners of Texas, though not so cold. We find it good to adopt a native plan, and lie down by the roadside once or twice for rest. We tried, however, to draw out into conversation some travelers going the same way; but they were reticent about religion, and so we went on.

And now here we are, back again, having walked more than forty miles in two days, preached six times, and held a number of private conversations, with, it is hoped and believed, the accompaniment of the Holy Spirit and power. Every sign of indigestion is gone, and we are none the worse except a little stiffness and

burning in the face from the strong wind—all which will pass off in a few days, and we expect to be ready for another jaunt in the same direction, when we shall hope to be not so pressed for time.

8. CONCLUSION.

INDIA AS A FIELD OF LABOR.

There is no doubt that one of the most, at least (if not the most), momentous works the Almighty has on hand is the salvation of India. But, then, he delights in great and difficult things, which give him the better opportunity of proving his greatness. So, if any one wants to assist the Most High in this undertaking, there is as good an opportunity for self-denying, earnest, arduous labor as he needs to want.

India has peculiar drawbacks and peculiar advantages. Doubtless caste is one great barrier to the entrance of the Gospel; but when a break is once made it will be, no doubt, a help. A greater difficulty is the pantheistic Védantism with which all classes, high and low, are thoroughly imbued. The great thing amongst any people is to get them convicted of sin; but this is utterly impossible as long as they lay the whole responsibility of their sins upon God. "Of course, I am a sinner—all men are sinners; but I did not make myself. It is not I that sin, but God in me." It is vain for you to reply that they hold each other responsible for their conduct, and wish to punish another for his crimes. The punishment, they say, is fate, the same as the crime.

The Mussulmans, also, are fatalists, and hence conscience-hardened, the same as others.

The stagnant civilization of India is having some healthy life-blood pumped into it; but it has been fully proven in this case that even Christian civilization is not Christianity, and one doubts sometimes whether it ever paves the way for the Gospel. But at any rate it opens the door for the missionary, and the whole of India's millions are now accessible, as far as that is concerned.

Every variety of people and every variety of country are to be found. If one can not find a field of labor in India, he can not find it anywhere in the world. Thousands, too, are panting for something nobler and better. Many serious but timid inquirers are to be found—yea, many who claim that they accept Christ secretly, but are wanting in courage to make the public profession. Here, where it is the crossing of the Rubicon, the breaking of the last tie that binds them to family, friends, religion, and associations, can be seen the value of baptism as an outward ceremony. Are you sure, dear reader, that you would be braver with their surroundings? Still the time will come when there will be a general break, and that, perhaps, as soon as teachers are ready to care for them. Now one is waiting for others, just as is oftentimes seen in Christian lands. The Luther or Knox or Wesley has not risen among them yet to lead the way; but he will be forthcoming.

There is room for more laborers in this vast field.

Three foreign missionaries to a million of people is not enough. Besides, there are some provinces containing millions without a single one. Somewhere there are Jonahs shrinking from their mission to India, not, however, for the same reason, it may be supposed, but for some other. God waited long for his Church to get ready to take India for him; but now he is in earnest. The field is white already; where are the reapers? Who will say, "Here am I, send me?" There is, perhaps, not one in the whole Indian field who would exchange for any other, or if away would not come as at first. Those kept away from ill-health or other cause are yearning to get back.

QUALIFICATIONS FOR THE WORK.

While any one coming to India to labor should have a sound mind in a sound body, yet he need not despair if his health is not so robust as that of some others. For some complaints, no doubt, India would be better than many other countries, and especially is that the case with lung complaints. One of bilious temperament, with torpid liver, should not come. One very subject to fever would better not come, unless he is assured beforehand of his particular field.

Neither should one lose hope if he be not possessed with profound learning and brilliant talents. These will do very well for fashionable Churches at home. Do not give up even because you may not have a genius for languages. The Lord can not wait to save the world by geniuses, unless it is those whose genius

is for work and soul-saving. The more learning one may have for this work the better ; but the great question is this, Has he pluck to devote six solid hours a day for six days in the week, for at least one year, to the dry study of a foreign language, and confidence enough to strike out in the use of it, like one learning to swim, regardless of mistakes that may be inevitable at first, and, perhaps, even long afterwards ?

The great qualifications, of course, are spiritual. Do not come before you are sent ; but do not wait to be driven. The Lord does not like that. Being satisfied of your own salvation, do you sincerely wish to do the most you can for the Master, and go where most needed ? Then, where is a more needy field than India ? But you say you do not feel a particular interest for the people of India. You have never seen them yet. Just look at them bowing down to a hideous, greasy, painted stone, and then if your heart is not stirred, it is certainly not right, and you would better at once seek to have it changed, and filled with the Holy Spirit. Do not stop to analyze all the motives by which you may be prompted ; but, being sure that the uppermost, ruling one is to glorify God, and leaving all with him, just wait for the moving of the pillar, and then follow wherever it may lead. But let your motto be "holiness to the Lord."

PROGRESS AND PROSPECT.

Though, perhaps, no one is satisfied with the progress the Gospel has made in India, yet, as has been

shown, it has made progress. It is something that one hundred and twenty-five thousand men and women have been brought out of devil-worship, idolatry, and superstition, representing a Christian community of nearly half a million. It is something that thousands have gone from India to the realms of bliss. It is something that principles of justice, truth, and charity have been instilled into the minds of millions more, young and old. It is something that the Bible has been translated into every Indian language, and thus made accessible to two hundred and fifty millions of people. If mistakes have been made, it is only the common lot of man, and often he can learn in no other way. If the work moves slowly, be not impatient. God is painting for eternity. He lives by the millennium, and though he has yearned over India for thousands of years, as he did over Jerusalem, yet he is not impatient.

But even suppose nothing had been done, dare we give it up? No; we are committed to it. God is committed to it. It must be done. It will be done. He will cut it short in righteousness. Only let his Church bestir herself; arise, shine, put on her beautiful garments. We have our marching orders, and all we have to do is to obey. We may be marching to death, but we are marching to victory. How glorious it will be to look over the battlements of heaven to a redeemed India—a redeemed world! Of the final result there can be no question.

Learn a parable from the sacred fig-tree. When it

is young it takes hold upon the hoary heathen temple, and insinuates its rootlets between the massive stones cemented together for centuries, and extending and increasing, ere long rives the structure from top to bottom, till it falls to the ground.

Or, again, it insidiously steals upon the palm, which rears its haughty head above other trees, and quietly throwing coil after coil around its trunk, throttles it in its giant folds, till it succumbs and decays, leaving nothing but the sacred peepul.

So the everlasting truth of the Almighty lays its gentle but powerful grasp upon every false system, until it gradually overpowers it, though cemented by thousands of years of superstition and idolatry, and nought remains but the sacred truth of God.

Such is the strength of this wonderful tree that, where left undisturbed, it destroys walls and wells, bridges and buildings, and even the Anglo-Portuguese fort in Bombay, that laughed at the shot and shell of the Abyssinian admiral, was unable to resist its amazing power—a type of Christianity, which, though so gentle in its influence, must eventually prevail over all civilizations, ancient or modern, Eastern or Western.

Is it to be supposed that a factory clerk (who finally took his own life), assisted by a few of his fellow-mortals, could conquer such an empire as India, and bring it into subjection to a small island six thousand miles away, and the great God of heaven and earth can not subdue it to himself? Though it must be admitted that the empire of the heart, fortified by sin and held

by the evil one, is a stronger fortress than any other in India, yet be it understood that “the weapons of our warfare are not carnal, but mighty through God to the pulling down of strongholds; casting down imaginations and every high thing that exalteth itself against the knowledge of God, and bringing into captivity every thought to the obedience of Christ.”

THE END.











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